**Vani Chaitanya**

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 **OBJECTIVE:**

Over **10 years** of experience and backed with rich domain knowledge and practical knowledge of several IT technologies, I seek a career with challenging assignments to amalgamate personal enrichment with professional goals.

 **PROFESSIONAL SUMMARY:**

* Experience working with various SDLC methodologies based on **Agile**/**SCRUM** like **Test Driven Development (TTD), Incremental** and **Iteration methodology, Pair Programming, Agile Development.**
* Used **Angular** to create views to hook up models to the DOM and synchronize data with server as a Single Page Application (SPA). Used **Bootstrap** and **Angular** to create Controllers to handle events triggered by clients and send request to server.
* Experience in UI **framework jQuery, JavaScript, HTML, DHTML, CSS3/4, Ajax, AngularJS, React Js, Tag Libraries**, and custom tags. Experience working with **JavaScript MVC** frameworks **Angular 4/6/8.**
* Experience in both functional and object-oriented languages like **Java**. Using **Java/J2EE** and other frameworks developed core modules in cross-platform applications.
* Utilized **Java 8** features like **Lambda expressions, pipelines** and **Stream API** for Bulk data operations on Collections which would increase the performance of the Application.
* Proficient in applying design patterns like **Facade, MVC, Service Locator, Adapter, Visitor, Observer, Decorator, Front Controller.**
* Worked extensively with **Core Java, Multithreading, Transactions, Exception Handling** and **Collections.** Worked with various frameworks in spring such as **Spring AOP, Spring transaction Management, Spring Data, Spring Batch, Spring Boot** and **Spring Cloud.**
* Involved in writing **Spring Configuration** XML file that contains declarations and dependent objects and used **Hibernate** framework in resolve layer for mapping an object-oriented model to Relation database management.
* Experience in implementing Java EE design patterns such as **MVC, Singleton, Factory, Adapter, Service Locator, Session Facade, DAO, DTO, Business Delegate** in the development of N-Tier distributed Enterprise Applications.
* Used Spring Core Annotations for **Dependency Injection Spring DI** and **Spring MVC** for **REST** API s and **Spring Boot for microservices.**
* Experience in Dell Boomi integration with SuccessFactors, SAP HCI, Boomi API Management, SOAP and Web Services.
* Implemented **SOAP** and **REST** Services using **Spring MVC** and **JAX-RS** and developed unit test cases for REST endpoints using Junit, Mockito and Spring Test. To test web services **POSTMAN** used. Experience on Deployment Automation & Containerization **(Docker, Kubernetes).**
* Deployed **Spring Boot based microservices Docker using Amazon EC2** container services**.**
* **Worked with wrapper developed in python to run this application along with other application.**
* Worked with **Apache Kafka** for High throughput for both publishing and subscribing, with disk structures that provide constant performance even with many terabytes of stored message.
* Development of test framework using the Python.
* Selecting the appropriate **AWS service** based on compute, data, or security requirements.
* Experience in Cloud Administrator on Microsoft Azure, involved in configuring virtual machines, storage accounts, resource groups.
* Hands on experience in **Azure** Development, worked on **Azure web application**, **App services**, **Azure storage**, **Azure SQL Database**, **Virtual machines**, **Fabric controller**, **Azure AD**, Azure search, and notification hub.
* Expertise in various components in Spring, which includes **Spring IOC, AOP, Spring JDBC, Spring MVC, Spring JPA, Spring Batch, Spring Security and Spring Boot.**
* Used **Kubernetes** to orchestrate the deployment, scaling, and management of Docker Containers. Experience with Java based ORM frameworks such as **Hibernate**, JPA, **Spring Data**, **Spring IO, Spring Batch**, **Spring Security**.
* Strong experience with **MongoDB** development (reports, schema design, map reduce functions) and migrations from SQL relational databases to NoSQL databases like **Mongo DB by using Hive**.
* Strong experience with **Dynamo DB** development
* Developed the UI using **REACT, HTML, Bootstrap, CSS3, AJAX** and **JavaScript**.
* Experience in handling messaging services using **Apache Kafka, JMS** and **RabbitMQ.**
* Set up **Jenkins** server and build jobs to provide continuous automated and manual builds based on pulling the
* **Git** source control system.
* Experience in cloud Technologies like **Amazon Web Services**, **EC2**, **ELB**, **Auto-Scaling** and **S3** storage. Experience in Database modelling, design and development of **PL/SQL stored procedures**, packages in relational databases: **Oracle 10g / 11g/12c** and **MySQL**.
* Used **JBoss, Tomcat 8**, WebSphere for application development with **Eclipse, IntelliJ, and VSCodes.** Configured and maintained source code repositories in **Tortoise SVN** and **GitHub.**

 **TECHNICAL SKILLS:**

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| --- | --- |
| **Programming Languages** | **Java 8.0/7.0/, C, C++, PL/SQL, Python** |
| **Java/J2EE Technologies** | **Servlets, Spring, EJB, JPA, JDBC, JSP, JSTL, JNDI.** |
| **Frameworks** | **Spring 4.3, Hibernate 3.0/4.x, Spring Security 3.2** |
| **Application/Web servers** | **Apache Tomcat 8, IBM WebSphere 8.x/9.x, Web Logic 12c** |
| **Relational Databases** | **Oracle 10g/11g, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1** |
| **NoSQL Databases** | **MongoDB, Cassandra, Dynamo DB** |
| **Internet Technologies** | **HTML 5, JavaScript 1.8, XML 2.0, CSS 4, jQuery 2.11, Angular 4.0, Node JS 6.0.** |
| **Cloud Environments** | **AWS, Kubernetes.** |
| **IDE** | **Eclipse, NetBeans 8.0.2, IntelliJ 2017.1, Spring Tool Suite (STS) 3.8.3, RAD 6.0/7.0** |
| **Operating system** | **Windows 10, Linux Mint 18.1, Unix** |
| **Testing &Bug tracking Tools** | **JUNIT4.12, JIRA 7.0, Bugzilla 4.4.12, Curl 7.36** |
| **Methodologies** | **Agile, waterfall, TDD (Test-Driven-Development), Scrum** |
| **Build Tools** | **Ant 1.10, Maven 3.3.9, Gradle 3.4.1** |
| **Web Services** | **SOAP 1.2, REST 2.0, JAX-WS, JAX-RPC, JAX-RS, Apache Axis** |

**TECHNICAL SKILLS:**

## Master of Science in Computer Science at Northwestern Polytechnic University from January 2015 till December 2016

## Bachelor of Technology in Computer Science and Engineering at Jawaharlal Nehru Technological University, Anantapur from September 2007 till March 2011

**TECHNICAL EXPERIENCE:**

**Client: Mastercard. Oct 2023 to till date**

**Role: Full stack Developer**

**Description:** MasterCard Worldwide is an American Multi-national financial service corporation in which the business is to process payments between the Merchant's Banks and the card issuing banks or credit unions of the purchasers.

**Responsibilities:**

* Involve in working environments using **Agile (SCRUM) and Test-Driven Development** (TDD) development methodologies.
* Involved working with border control service application. And created API
* Implemented spring API applications and restful service
* Setup Cassandra database from scratch and installation for that. And creating tables
* Created Jenkins pipelines by using groovy script.
* Used Jenkins for code deployment and experience with DevOps methodologies implementing CI/CD pipelines.
* Used Spring API to perform CRUD operations and persist the data to the database
* Implementing the Microservices architecture with **Spring Boot** based Microservices interacting through a combination of **RESTful** and **Apache Kafka** message brokers.
* Involved in developing the applications using Spring Framework for **Dependency Injection**.
* Used **Maven** for building and deploying the application in web/App servers. Worked on **Docker** open-source project by automating the deployment of applications inside software containers.
* Involved Writing using test cases by using Junit, mokito.
* Used bit bucket for version control and Rally for bug tracking, project management and maven as build tool.
* Used SonarQube for code coverage
* Used Soap UI to test get and post methods.
* Involved development and deployment on PCF and troubleshooting issues with cloud platform.

## Environment: J2EE, Spring MVC, GraphQL, AWS, SNS, JavaScript, JIRA, Spring Boot, Web services, Micro services, AWS, ELK stack, Gradle, Jenkins, Selenium,

**Client: Fraddie Mac Jan 2023 to Oct 2023**

**Role: Full Stack Developer**

**Description:** We are supporting America's homeowners and renters while serving as a stabilizing force in the U.S. housing finance system.

Responsibilities:

* Involve in working environments using **Agile (SCRUM) and Test-Driven Development** (TDD) development methodologies.
* Used **Java 8** features like **lambda expressions** for communicating between business layer and database, **stream API** for Bulk Data Operations on **Collections** using both streams and parallel streams.
* Implementing the Microservices architecture with **Spring Boot** based Microservices interacting through a combination of **RESTful** and **Apache Kafka** message brokers.
* Involved in developing the applications using Spring Framework for **Dependency Injection**.
* Implemented fail safe and **circuit breaker** patterns in **Spring Boot, Microservices** applications using **Hystrix**, configured **Swagger-UI** to registered Microservices with **Eureka server** and monitored service health check from **Spring Boot** admin console and **Spring Ribbon** for load balancing.
* Used **Spring JPA** to perform the CRUD operations and persist the data to the database.
* Used **Jenkins** for code deploying by using plug-in to deploy to sS. Experience with **DevOps** methodologies, Implementing **CI/CD Pipelines** using tool sets like **Jenkins**, **Chef** and **AWS**
* Used **Amazon Web Services (AWS)** data store for storing the records, prescriptions, bills etc. and accessed them using AWS SDK for Java utilizing **NoSQL** queries,
* Involved in developing and delivery on Microservices application utilizing almost of the AWS stack including S3, EC2, DynamoDB, Kinesis, **SNS** and **SQS.**
* Identified performance issues, located bottlenecks and diagnosed using Performance manager.
* Used **bit bucket** for version control and **JIRA** for bug tracking, project management and **Gradle** as build tool. Worked closely with QA team and fixed QA bugs as well as production issues with a quick turnaround time.

## Environment: J2EE, Spring MVC, AWS, SQS, JavaScript, JIRA, Spring Boot, Web services, Micro services, SNS, ELK stack, Gradle, Jenkins, Selenium,

**Client: Fannie Mae June 2022 to Dec 2022**

**Role: Full Stack Developer**

**Description:** The Federal National Mortgage Association, commonly known as Fannie Mae, is a United States government-sponsored enterprise and, since 1968, a publicly traded company.

Responsibilities:

* Implementing the Microservices architecture with **Spring Boot** based Microservices interacting through a combination of **RESTful** and **Apache Kafka** message brokers.
* Involved in writing the validation rules classes for general sever side validations for implementing validation rules as per the design.
* Used **Jenkins** for code deploying by using plug-in to deploy to sS. Experience with **DevOps** methodologies, Implementing **CI/CD Pipelines** using tool sets like **GIT**, **Jenkins**, **Chef** and **AWS**
* Used **Amazon Web Services (AWS)** data store for storing the records, prescriptions, bills etc. and accessed them using AWS SDK for Java utilizing **NoSQL** queries,
* Used **Apollo Engine** and other tools for **real-time monitoring**, tracing, and optimizing the performance of GraphQL queries, including identifying bottlenecks and unnecessary database calls.
* Applied **query complexity analysis** and **persisted queries** to ensure the API's scalability and reduce unnecessary load.
* **Hands-on experience with EC2, ECS, ELB, EBS, S3, VPC, IAM, SQS, RDS, Lambda, Cloud Watch, Storage Gateway, Cloud formation, Elastic Beanstalk and Autoscaling**
* **Demonstrable experience with developer tools like Code Deploy, Code Build, Code Pipeline, design the overall Virtual Private Cloud VPC environment including server instance, storage instances, subnets, high availability zones, etc.**
* Experience in Testing Storage Performance issues using tools with Windows Microsoft 2008, Microsoft clustering server, Linux and VMware environment.
* Provide technical expertise for applications installs, back-up / recovery strategies to address applications performance issues and general platform problem analysis.
* Investigated and resolved key performance issues, initiating process and system improvements to increase system stability and staff productivity.
* Identified performance issues, located bottlenecks and diagnosed using Performance manager.

## Environment: J2EE, Spring MVC, AWS, SQS, JavaScript, Hibernate, JIRA, Spring Boot, Web services, Micro services, Hive, AWS, ELK stack, Gradle, Jenkins, Selenium,

**Client: Verizon, Dallas, TX. Dec 2021 to June 2022**

**Role: Full Stack Developer**

**Description:** Verizon is an American wireless network operator that previously operated as a separate division of Verizon Communications under the name Verizon Wireless.

Responsibilities:

* Used Angular to structure JavaScript code in an MVC model (**Model-View-Controller**). Used D3JS to build a **single-page application** and used **Angular 8**, we created custom directives for re-usable components (multi-field form elements, background file uploads)
* Defined and developed the application’s presentation layer in UI development with technologies like **HTML**, **CSS4** and **JavaScript**.
* Designed and developed **Scalable GraphQL API’s** for multiple web and mobile applications, Improving data fetching efficiency and reducing over-fetching by leveraging **query optimization** techniques.
* Built and maintained robust **GraphQL schemas** with complex types, mutations, and subscriptions to ensure smooth integration with front-end teams and backend services.
* Led the design and implementation of **GraphQL schema versioning** and migration strategies to ensure backward compatibility and seamless upgrades for API consumers.
* Collaborated with cross-functional teams to define clear, well-documented **GraphQL queries, mutations, and subscriptions** to support diverse business use cases.
* Expertise in developing and enhancing Systems of Engagement for optimal user interaction and engagement.
* involvement in front-end development, user interface design, and successful user engagement strategies
* Developed **Java 8** code from legacy **COBOL** code by deriving requirements from legacy functionality.
* Implementing the Microservices architecture with **Spring Boot** based Microservices interacting through a combination of **RESTful** and **Apache Kafka** message brokers.
* Involved in developing the applications using Spring Framework for **Dependency Injection**.
* Involved in writing the validation rules classes for general sever side validations for implementing validation rules as per the design.
* Implemented pre-authentication and database security using **Spring Security** and securing application access and **Spring Batch** for scheduling, maintenance of batch jobs.
* Used **Spring JPA** to perform the CRUD operations and persist the data to the database.
* Used Java/J2EE Design patterns such as **Adaptor factors and designer factors** Service Locater, DAO etc. and **Spring IOC pattern** and responses.
* Managed **Docker orchestration and Docker containerization** using **Kubernete.**
* Used **Kubernetes**to orchestrate the deployment, scaling and management of Docker Containers.
* Used **Jenkins** for code deploying by using plug-in to deploy to AWS. Experience with **DevOps** methodologies, Implementing **CI/CD Pipelines** using tool sets like **GIT**, **Jenkins**, **Chef** and **AWS**
* Used **Amazon Web Services (AWS)** data store for storing the records, prescriptions, bills etc. and accessed them using AWS SDK for Java utilizing **NoSQL** queries.
* Used **Maven** for building and deploying the application in web/App servers. Worked on **Docker** open source project by automating the deployment of applications inside software containers.
* Designed enterprise API’s and involved in developing the API’s. Involved in testing API’s using **SoapUI** and **Postman**.
* Executed Load Runner/JMeter scenarios based on complex business scenarios with different monitors for Stress testing, Scalability testing, Failover testing, and Load testing.
* Used **Git** for version control and **JIRA** for bug tracking, project management and **Maven** as build tool. Worked closely with QA team and fixed QA bugs as well as production issues with a quick turnaround time.
* Performed **GitHub/GitHub-Desktop** bash and Terminal commands to clone, fetch, merge and push the code and created pull requests for changes that are made.

## Environment: J2EE, Spring MVC, XML, AJAX, ReactJS, Node JS, AWS, JavaScript, Hibernate, JIRA, Spring Boot, Web services, Micro services, Hive, AWS, ELK stack, Maven, HTML5, CSS3, jQuery, Docker, Tomcat, Git, Jenkins, Selenium, Cu- cumber, STS.

**Client: Pacific Gas and Electric, Walnut creek, CA. Feb 2020 -Sep 2021**

**Role: Full Stack Developer**

**Description:** The **Pacific Gas and Electric Company** (**PG&E**) is an American [investor-owned utility (IOU)](https://en.wikipedia.org/wiki/Investor-owned_utility) with publicly traded stock. The company is headquartered in the [Pacific Gas & Electric Building,](https://en.wikipedia.org/wiki/Pacific_Gas_%2526_Electric_Building) in [San Francisco,](https://en.wikipedia.org/wiki/San_Francisco) California, United States. PG&E provides [natural gas](https://en.wikipedia.org/wiki/Natural_gas) and [electricity](https://en.wikipedia.org/wiki/Electricity) to most of the northern two-thirds of [California](https://en.wikipedia.org/wiki/California)

## Responsibilities:

* Involve in working environments using **Agile (SCRUM) and Test-Driven Development** (TDD) development methodologies.
* Used **Java 8** features like **lambda expressions** for communicating between business layer and database, **stream API** for Bulk Data Operations on **Collections** using both streams and parallel streams.
* Implemented fail safe and **circuit breaker** patterns in **Spring Boot, Microservices** applications using **Hystrix**, configured **Swagger-UI** to registered Microservices with **Eureka server** and monitored service health check from **Spring Boot** admin console and **Spring Ribbon** for load balancing.
* Used **Spring JPA** to perform the CRUD operations and persist the data to the database.
* Used Java/J2EE Design patterns such as **Adaptor factors and designer factors** Service Locater, DAO etc. and **Spring IOC pattern** and responses.
* Used **Jenkins** for code deploying by using plug-in to deploy to AWS. Experience with **DevOps** methodologies, Implementing **CI/CD Pipelines** using tool sets like **GIT**, **Jenkins**, **Chef** and **AWS**
* Used **Amazon Web Services (AWS)** data store for storing the records, prescriptions, bills etc. and accessed them using AWS SDK for Java utilizing **NoSQL** queries.
* Developed the UI using **REACT, HTML, Bootstrap, CSS3**and **JavaScript**.
* Used **Maven** for building and deploying the application in web/App servers. Worked on **Docker** open source project by automating the deployment of applications inside software containers.
* Designed enterprise API’s and involved in developing the API’s. Involved in testing API’s using **SoapUI** and **Postman**.
* Created/managed **Mongo DB**/**NoSQL and Hive** collections. Developed Server-side automation using **Node.js** scripting and connecting different types of SQL and NoSQL databases.
* Contributes to policies, standards procedures, and documentation of process improvements to continually streamline the **Identity and Access Management**.
* Used **Git** for version control and **JIRA** for bug tracking, project management and **Maven** as build tool. Worked closely with QA team and fixed QA bugs as well as production issues with a quick turnaround time.
* Performed **GitHub/GitHub-Desktop** bash and Terminal commands to clone, fetch, merge and push the code and created pull requests for changes that are made.
* Helped individual teams to set up their repositories in git and maintain their code and help them setting up jobs which can make use of CI/CD environment.

## Environment: J2EE, Spring MVC, XML, AJAX, Angular 8, Node JS, AWS, JavaScript, Hibernate, JIRA, Spring Boot, Web services, Micro services, Hive, AWS, ELK stack, Maven, React JS, HTML5, CSS3, jQuery, Docker, Tomcat, Git, Jenkins, Selenium, Cu- cumber, STS.

**Client: Mariotte international, Gaithersburg, MD Sep 2018 – jan2020**

**Role: Lead Java Developer**

**Description:** Marriott International is an American multinational diversified hospitality company that manages and franchises a broad portfolio of hotels and related lodging facilities. Marriott International was formed in 1993 when the [Marriott Corporation](https://en.wikipedia.org/wiki/Marriott_Corporation) split into two companies, Marriott International and [Host Marriott Corporation](https://en.wikipedia.org/wiki/Host_Marriott_Corporation). In 1995, Marriott was the first hotel company worldwide to offer guests the option to book reservations online, via the company's implementation of MARSHA (Marriott's Automatic Reservation System for Hotel Accommodations.

## Responsibilities:

* Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing and followed **agile methodology** in the Scrum Cycle model.
* Responsible for identifying the root cause, investigate and provide a solution for the escalated and critical pro- duction tickets.
* Designed and developed Web Applications on **J2EE** using **Hibernate** and **spring frameworks**. participated in daily scrum worked with BA and team leads in preparing requirements.
* Prepared technical artifacts including UML **Class diagrams**, Sequence **diagrams etc., using** **Rational Rose.** Worked on creation of custom **Docker** container images, tagging, pushing images, integration of **Spring boot**.
* Responsible for the design and developing of Persistence classes using **Hibernate** and **Spring Template frame- works** to save data in database tables.
* Extensively used different **Spring framework** features including S**pring MVC, Spring IOC, Spring AOP** and **Spring Templates.**
* Maintained **RESTful applications** using **Jersey** and good at using **JSON transport messages. Developed RESTful Web services** using **Spring Boot** to provide domain data for the application.
* Worked on **Microsoft Azure** (Public) Cloud to provide IaaS support to client. Create Virtual Machines through **Power Shell Script** and **Azure Portal**.
* Monitor Azure Infrastructure through System Center Operation Manager (SCOM).
* Creating Storage Pool and Stripping of Disk for **Azure Virtual Machines**. Backup, Configure and Restore Azure Virtual Machine using **Azure Backup**
* Developed the UI using **REACT, HTML, Bootstrap, CSS3, AJAX** and **JavaScript**.
* Extensively used **Array List**, **HashMap**, **Tree Set** and other **Collection** classes for concurrent applications.
Developed **SQL Stored Procedures** and **Prepared Statements** for updating and accessing data from Database. Utilized **Hibernate for Object/Relational Mapping** and querying using **HQL**.
* Coded **REST web services** using **spring boot** to rewrite existing application to micro web application. Have written Batch jobs using **spring Batch** and configured them to run at specific schedule time.
* Used **Spring JPA** to perform the CRUD operations and persist the data to the database.
* Maintained and developed **Oracle DB tables**, indexes, and **PL/SQL procedures** for best performance. Used **JMS**&**MQ** for messaging and **WebSphere** server as application server.
* Experienced in technical support for production systems and implemented logging using **Log4J2** for support. Used **Gradle** scripts for building and deploying the application in web/App servers.
* Experienced in **continuous integration** to deploy using **Jenkins** and automate the tests.
* Responsible in fixing the **production issues** which are tagged to Releases.
* Created documentation on **debug techniques** for the application in analyzing the tickets quickly.
* Used **Eclipse** Integrated Development Environment **IDE** in entire project development.
* Provided round the **clock production support** on issues. Whenever the issue rose in production and need to join the call immediately and work with all the application teams resolve.
* Used **service now** for ticketing tool and **Dynatrace** for monitoring and health check of applications.
* Responsible for the supporting monitoring issues for the application and should respond immediately for any type of Server and Service Maintenance issues.
* Handled all types of production tickets.

## Environment: Java 1.8, Spring Boot, HTML5, JavaScript, AJAX, Bootstrap, Json, Hibernate 5, AWS, XML, LOG 4j2, IntelliJ IDE, Oracle 12c, WebLogic Application server 12c, Service now, Dynatrace, Git, Jenkins, Maven, JIRA.

**Client: IHeartMedia, San Antonio, TX July 2017 - Aug 2018**

**Role: Java Full Stack Developer**

**Description:** Clear Channel Outdoor Holdings, Inc. is one of the world's largest outdoor advertising companies managing 450,000 print and digital displays in 31 countries. The company is headquartered in San Antonio, Texas.

## Responsibilities:

* Involved in the phases of SDLC including Requirement collection, Design and analysis of Customer specification, Development and Customization of the application.
* used **AngularJS**, **jQuery** to develop dynamic web applications for enhanced user experience. Used **AngularJS** multiple in-built directives such as filters, root scope, child scope, template.
* Used **AngularJS** to retrieve **JSON** data from backend and saved in scope to make binding.
* Implemented **Spring MVC** framework in the presentation tier for all the essential control flow, business level validations and for communicating with the business layer.
* Used **Spring MVC** for **web services** and **JavaScript**, **CSS3**, **AngularJS** to display data in frontend.
* Experience using **MVC** (Model View Controller) architecture for developing applications.
* Implemented logging using **Log4J2** and implemented various cross-project functionalities using **Spring AOP**.
* Worked on **Spring Security** for application authentication based on role-based security system for web-based administrative applications.
* Excellent understanding and hands on in **EJB**, **Java Persistence Query Language**, **Transactions**, **Exceptions**, **Java Message Service (JMS), Java Transaction API (JTA).**
* Worked on **JMS** as message service, **JTA** for Transaction and having knowledge with **JPA** for Java persistence.
* Used **SOAP** for Web Services by exchanging XML data between applications over HTTP.
* Developed **REST/HTTP APIs** to achieve effective and low cost of application integration.
* Designed and developed **SOAP** and **RESTful** web services (**JAX-WS** and **JAX-RS**) using **Apache CXF** and Jersey. Well Experienced in deploying and configuring applications onto application servers like **Web logic, JBOSS** and **Web Server Apache Tomcat.**
* Used **Rabbit MQ** queues for implementation of multi-threaded synchronization processes using JMS queues for consumption requests.
* Using **Rabbit MQ** as a Message Oriented Middleware for integrating applications.
* Developed **JUnit test** classes using **Mockito** for web service classes. Unit testing and functionality testing using JUnit and to test the web services.
* Contributed to developing Automation Framework that uses **Java**, **Selenium Web Driver** and **Testing.** Developed automation test scripts using **Selenium** to evaluate Security of Web-based user authentication applications.

## Environment: J2EE, Spring MVC, XML, AJAX, Angular JS, AWS, JavaScript, Hibernate, JIRA, Spring Boot, Web services, Micro services, AWS, ELK stack, Maven, HTML5, CSS3, jQuery, Docker, Tomcat, Git, Jenkins, Selenium, Cucumber, STS.

**Client: Apple, Sunnyvale, CA Nov 2016 - June 2017**

**Role: Java Full Stack Developer**

**Description:** Apple Inc. is an American multinational technology company headquartered in Cupertino, California, that designs, develops, and sells consumer electronics, computer software, and online services. It is considered one of the Big Tech technology companies, alongside Amazon, Google, Microsoft, and Facebook.

## Responsibilities:

* Implemented **Agile methodologies**, actively involved in technical meetings, requirement gathering, analysis, planning, effort estimation, coding, development and testing.
* Developed User Interface application modules using **HTML**, **CSS3** and **JavaScript, JSON** and **AJAX**.
* Wrote client-Side code using **React.JS** and used **NPM & gulp** directories to generate the server environments used **flux** with **redux** framework to manage targeted URL’s and to monitor the application.
* Used **React.JS** to implement rich functions in various pages: form validation, crud, grid list, search, sort, pagination, multi-selection, tags-input, advanced/custom directives, authentication, unit tests, etc.
* Worked with controller, service and view components in applications using **Spring 3.5** framework.
* Extensively used various modules in **Spring like AOP, DI(IOC), Bean Wiring, Spring Inheritance, Auto Wiring, Spring JDBC Templates and Spring Quartz Schedulers for Jobs.**
* **Service Oriented Architecture (SOA)** was exposed through **RESTful** web services with loose coupling between layers using **Spring framework** during development.
* Designed and developed **Microservices** using **REST** framework and **Spring Boot**.
* Java expression tags were avoided using **Bean**, **HTML** and **Logic Tags**, and used display tags to render large data.
* Involved in developing role-based **HTML** navigational menu, where in menu items change dynamically based on the values derived from database in the form of **XML** data.
* Experience in Creating, Dropping Indexes, Tables, Stored Procs and Views on **Dynamo DB**.
* Implemented **Elastic Bean Stalk** to auto-deploy and auto-scale applications using services such as **EC2 instances**.
* Writing Unit test cases using **JUnit** testing framework and performed unit and system testing.
* Executed Load Runner/JMeter scenarios based on complex business scenarios with different monitors for Stress testing, Scalability testing, Failover testing, and Load testing.
* Expertise on **SoapUI**, **Selenium** Data Driven framework and integrating it with **Maven** [Build Management Tool], **TestNG** [Unit Testing tool] and **Jenkins** [Continuous Integration Tool].
* Worked with **JAXB** parser for marshalling and Unmarshalling XML data.
* Developed **XPATH**, **XQUERY** and custom **XML** parsers based on **SAX, DOM** as part of **XML** Consumption.

**Environment:XML, XSL, Bootstrap, HTML5, JavaScript, CSS3**, **Ajax, React JS, Spring 3.5, Git, AWS, WebSphere7**.**5, Swing, Web Services**, **Liferay, JMS, SoapUI, MongoDB, TestNG, JSON, Maven, Elastic Search, Spring Cloud, ANT, IntelliJ, Agile.**

 **Client: Master Card, St. Louis, MO Jan 2016 - Oct 2016**

 **Role: Java Full Stack Developer**

**Description:** MasterCard Worldwide is an American Multi-national financial service corporation in which the business is to process payments between the Merchant’s Banks and the card issuing banks or credit unions of the purchasers.

## Responsibilities:

## Developed the presentation tier using HTML, CSS, Servlets, JSTL, Ajax and Struts.

## Used Struts-Validator framework for all front-end Validations for all the form entries.

## Used Struts framework for the MVC implementation and Hibernate as ORM tool for database Communication.

## Worked extensively with Servlets to accommodate all presentation customizations on the front end.

## Used data analysis, mapping skills and the ability to understand and create data models

## Used different design patterns like MVC pattern, DAO pattern, singleton to achieve clean separation of layers.

## Designed and developed the code using multithreading, Collections and other J2EE technologies.

## Developed DAOs using Hibernate persistence API for the database operations to interact with Oracle database.

## Written and executed various SQL Queries & PL\SQL programs to retrieve the data from the database Oracle.

## Responsible for design and development of Business Process in IBM WebSphere Process Server 6.0.

## Involved in design development and testing of web application and integration projects using Object

## Oriented technologies such as Core Java, J2EE, Struts, hibernate, Java Beans, XML, XSLT, XSL and ANT.

## Used Log4J, Junit and developed unit test cases to monitor the application functionality.

**Environments: Struts, Core Java, Servlets, Hibernate, ORM, oracle, Multi- Threading, Collections, PL/SQL, OO Design, OO Analysis, XML, XSLT, IBM WebSphere, Log4J2, Junit, ANT, Eclipse.**

 **Client: Opine Systems, India Aug 2011 - Nov 2014**

**Role: Java/J2EE Developer**

**Description:** The objective of this import business project is to construct a method that will automate the approval process required before the request is sent to the supplier.

## Responsibilities:

## Involved in designing and implementing the application using various Java and J2EE Design patterns design patterns such as Singleton, Business Delegate, MVC and Data Access Object (DAO).

## Developed UI using Spring view component, JSP, HTML, CSS, JavaScript.

## Utilized Spring MVC annotations and XML configuration for Dependency Injection.

* Implemented Persistence layer using Hibernate to interact with the **MySQL database**.
* Involved in writing all formats of database quires like **SQL, HQL in DAO layer**.
* Configured Hibernate second level cache using **EH-Cache** to reduce the number of hits to the table data.
* Developed REST web services using Spring, Hibernate.
* Used JMS Template to publish messages to queues and **Message Driven Bean (MDB)** to subscribe from the JMS.
* Extensively used Java **Multi-Threading** concept for downloading files.
* Co-ordinate with the QA lead for development of test plan, test cases, test code and actual testing responsible for defects allocation and those defects are resolved.
* Was part of production support team to resolve the production issues.
* Used Jenkins as a continuous integration tool for application building, testing and deploying.
* Used **IntelliJ IDE** for developing code modules in the development environment.
* Used CVS version control to track and maintain the different version of the project.

## Environment: Core Java, J2EE, JSP, EJB, OOAD, Oracle, Cassandra, HTML, EJB3, AJAX, JMS, XML, Design Patterns, JENKINS, ANT, Rationale Rose, IBM RAD IDE, WebLogic Application Server, Hibernate, Log4J2, SVN, TOAD, JUNIT, UML.