Prudhvi Full Stack Developer

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**PROFESSIONAL SUMMARY:**

* 9+ years of experience as a Full Stack Developer with solid understanding in all the phases of the Software Development Lifecycle (**SDLC**), this includes Analysis, Design, Development, Testing and Maintenance of Java UI applications for large Enterprise Customers.
* Strong programming skills in **Java**, **J2EE, J2SE** with extensive ability to develop scalable applications.
* Experienced in developing Web UI Applications using **HTML5, CSS3, Boot Strap, Java Script, Type script, Ajax, jQuery, Angular, Node JS** and **Spring MVC**.
* Worked on Lambda Expressions, Functional interfaces, Stream API's, Time API, and Improvements on Collection, Concurrency, and IO improvements by using **Java 8.**
* Hands on experience in Amazon Web Services (**AWS**) provisioning and good knowledge on AWS services like Elastic Compute Cloud (**EC2**), Simple Storage Service (**S3**), Auto Scaling, IAM, Dynamo DB, Virtual Private Cloud (**VPC**), Route53, Cloud Watch, AWS CLI, Cloud Formation, Cloud Front, Elastic Beanstalk, **ELB** (Elastic Load Balancers), **RDS**, **SNS**, **SWF**, **SES**, **SQS**, and **EBS** etc.
* Extensive working with **Amazon web Services** like using **Elastic Beanstalk**, **EC2** and **AMI** with **Linux**.
* Adding permissions to **AWS SQS** to interact with the Queue and involved in writing custom policies.
* Experienced in using **Eureka** Servers while deploying in **EC2**.
* Thorough knowledge of **Micro service** architecture and experience in implementing several design patterns
* Designed and developed **Micro service** business components using Java /J2EE, **Spring Boot** and Implemented REST web services based on **RESTful APIs**.
* Expertise in design and development of enterprise level spring-based web applications using **Spring REST, Hibernate, EJB**.
* Experienced on **spring framework** applications like **Spring Core, Spring AOP, Spring IOC, Spring MVC, Spring Batch, Spring JPA, Spring Security** and **Spring Boot** and did integration to **Micro services** into existing system architecture.
* Developed DAOs (Data Access Object) using **Hibernate** as ORM to interact with DBMS - like **MySQL, PostgreSQL, SQL/PL-SQL Oracle10g** and **NoSQL** databases like **MongoDB**.
* Integrated **Hibernate** in context files and configured Hibernate session factory.
* Good Experience in developing Web Services**, Restful API** using **Jersey** Framework, and **SOAP** using **Spring-WS**.
* Experienced with web services (**SOAP/RESTful**) and used to scale the applications for better **BOA.**
* Worked on **Service Oriented Architecture (SOA)** such as Apache Axis web services which use **SOAP**, **REST**, and **WSDL** and exposure to **JAXB, JAX-RPC, and JAX-RS & JAX-WS.**
* Improved overall performance via Multithreading, collections, synchronization, and exception handling strategies.
* Used **Apache** for integration and Data Processing with **Spring** and for Multi-Threaded Message Consumption and worked on **Zookeeper** to maintain services.
* Extensive experience in using **NPM**, **BOWER**, **Grunt** and **Gulp** for build process.
* Experience with **Docker** images, Containers, push/pull with **Spring Boot,** used **Jenkins** for CICD and AI.
* Experience in using **Jenkins** for Continuous Integration and Sonar jobs for java code quality.
* Experience in message streaming by using Apache **Kafka**.
* Experience with large-scale distributed systems using **JMS**, **Message Queues** and **Spring JMS Integration**.
* Hands-on experience in using message brokers such as **Active MQ** and **RabbitMQ.**
* Hands on experience with **Netflix** cloud and fallback technologies like **Eureka, Hystrix** and **Ribbon**.
* Strongly associated with usage of **Selenium, Jenkins, Junit** and **Curl** for **Unit** and **System Testing**.
* Experienced on tools like **JIRA** for bug tracking.
* Experienced with CICD - **MAVEN/GRADLE/JENKINS/CVS/GIT/GITHUB.**
* Experience with web/application servers Web Sphere, Web Logic, JBoss, and Tomcat Server.
* Experience in performing **Unit testing, Integration Testing** and generation of test cases using **JUnit**.
* Experience in working on version control tools like **SVN** and **GIT**.
* Good exposure on using IDES like **Eclipse**, **VS Code**, **IntelliJ** and **Net Beans**.
* Managed the platform over the years through **Agile**, **Scrum** and **Waterfall** practices.
* Good Experience in using **AI** tool like **copilot and chat GPT.**

**TECHNICAL SKILLS:**

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| **Languages:** | Java7/8, J2EE, J2SE |
| **Web Technologies:** | Spring Boot |
| **J2EE Technologies:** | Spring 2.x/3.x, Hibernate 3.x, Expression Language, JPA, JDBC, Java Mail, JMS, AMQP, Apache Camel, Oauth1/2. |
| **Application/Web servers:** | Apache Tomcat, IBM WebSphere, Jetty, Jenkins, WebSphere M |
| **Databases:** | PostgreSQL, Oracle, SQL server, MySQL, DB2 |
| **Internet Technologies:** | HTML5, JavaScript, CSS3, jQuery, Angular, Bootstrap, NodeJS |
| **Cloud Environments:** | AWS, Azure, Netflix Eureka, Kubernetes. |
| **IDE:** | Eclipse,VS Code, NetBeans, IntelliJ, Spring Tool Suite (STS) |
| **Message Queues:** | JMS, Active MQ, Rabbit MQ, Kafka |
| **Operating system:** | Window, Linux Mint, Unix |
| **Defect tracking Tools:** |  JIRA. |
| **Reporting Tools:** | Jasper Reports, Crystal Reports XI, SSRS |
| **Methodologies:** | Agile, waterfall, TDD (Test-Driven-Development), Scrum |
| **Developer IDE Platforms:** | Eclipse, Edit plus, Notepad ++, TEXT PAD, Net Beans, IntelliJ, Spring Tool Suite (STS), GITHUB |
| **Build Tools:** | Ant, Maven, Gradle, NPM |
| **Web Services:** | REST, SOAP |

**Client: Lava Data Feb 2022 – Present**

**Role: Sr.Full Stack Developer**

* Worked in a highly dynamic AGILE environment and participated in scrum and sprint meetings.
* Develop new fronted from the ground up using HTML5, CSS3, JAVASCRIPT, jQuery, Bootstrap, AngularJS, and NodeJS as front-end building Environment.
* Configure and run gulp tasks in NodeJS runtime and handle injection, CSS pre-processing, minifying, test-running, and building-sync.
* Developed custom directives, Factories and Services in AngularJS and implemented code per coding standards and created AngularJS Controller to isolate the scopes to perform operations and extensively used Core Java such as Exceptions, and Collections.
* Expertise in consuming Restful web services using Node JS, AngularJS and jQuery along with JSON parsing to implement AJAX call and render the response data to User Interface.
* Extensively used Java 8 features such as lambda expressions, Parallel operations on collections, multithreading and for effective sorting mechanisms.
* Used Streams and Lambda expressions available as part of Java 8 to store and process the data.
* Designed and developed the framework to consume the web services hosted in Amazon EC2 instances.
* Worked with AWS cloud service in creating EC2 instances and providing them roles and sometimes participated in writing custom policies and deployed applications on Elastic Bean Stalk and EC2.
* Experienced with event-driven and scheduled AWS Lambda functions to trigger various AWS resources.
* Used AWS SDK for connection to Amazon S3 buckets as it is used as the object storage service to store and retrieve the media files related to the application and Amazon Cloud Watch is used to monitor the application and to store the logging information.
* MYSQ L was used as the database for the application which was hosted in the cloud using Amazon RDS service.
* Configured and managed AWS Glacier, to move old data to archives based on retention policy of databases/ applications.
* Involved in AWS SQS to interact with queue and giving roles to it and involved in writing Custom policies.
* Participated in troubleshooting issues on AWS, Netflix Eureka and Cloud environments.
* Analyzing of SOA based application with Solar / web service / Apache ignite cache-based systems for optimal design/usage.
* Experienced in implementing Micro Services, SOA with xml base web Services (SOAP/UDDI/WSDL) using Top Down and Bottom-Up approach.
* Worked with the SPRING framework hibernate integration to maximize the Classical model view controller layer (MVC) Architecture.
* Implemented SPRING MVC application framework to create and configure of Java beans using SPRING IOC and used SPRING Hibernate support, transaction management.
* Experience in creating RESTful web services using Jersey, spring framework and JAX-RS.
* Implemented RESTful Web services to retrieve data from client side and made REST API calls from Angular JS and parsed the data to project to client and handled the security and Authorization using Spring Security and OAuth1/2.
* Creating REST based Web Services by establishing links using HATEOAS from spring-based Applications.
* Involved in developing API’s and Rest API proxy using APIGEE edge and for sending mobile notifications.
* Developed the Web Services Client using REST, RSDL for verifying the new customer history to a connection.
* Developed DAOs (Data Access Object) using Hibernate as ORM to interact with DBMS - MySQL and Mongo DB.
* Optimized the full text search function by connecting to Mongo DB.
* Worked with Docker to deploy Micro-services in modern containers to increase Isolation.
* Worked on Thread handling to maintain continuity of execution and extensively implemented Multithreading concept to handle Transaction Management with isolation and propagation levels.
* Involved in Designing Kafka messaging queues.
* Used MAVEN as a Build Process and used generating Documentation, Reporting, and adding Dependencies.
* Performed daily Night Build & Weekly Build & Release for the product using Ant, Maven build scripts.
* Using JUnit test in Eclipse, developed Unit test cases and test suite, Curl was also implemented to test.
* Used Jenkins as the integration tool and improved scalability of applications on cross-platforms.
* Deployed the Application EAR and RESTful Services on JBoss Application Server.
* Involved in Production Support and Maintenance of the application and troubleshooting of Issues on JBoss by checking logs, payments etc.

**Environment:** Java/JDK, J2SE/J2EE, HTML5, CSS3, JavaScript, jQuery, Spring, Spring Boot, Spring Batch, Spring MVC, AngularJS, NodeJS, Ec2, S3, SDK, MySQL, SOA, JDBC, Hystrix Dashboard, AWS, Netflix Ribbon, Hibernate, REST, JSON, RESTful, Eclipse, MAVEN, JUnit, Jenkins, JBoss, Linux OS, MongoDB, GIT, PL/SQL, Docker, ANT, JIERA, Kafka, JMS.

**Client: Bayer Apr 2020 – Jan 2022**

**Role: Full Stack Developer**

* Responsible for all stages of design, development, and deployment of applications.
* Active role in Test Driven Development termed as TDD apart from Agile Software Development.
* Defined and constructed layers, server-side objects and client-side interfaces based on J2EE design patterns.
* Designed, analyzed and developed the front-end and back-end Servlets, Bootstrap for designing, HTML5, CSS3, Ajax, Angular JS, React JS for developing presentation layer.
* Created the AngularJS app using Yeoman, Grunt and Bower and used Angular UI for component model.
* Actively involved in using MVC, HTML5 to enable client-side date to meet specific criteria by applying various validation variables and used the CSS classes to provide visual feedback on validation.
* Developed SOAP based JAX-WS Web Service interfaces for integrating multiple systems, code re-usability.
* Analyze business requirements and develop various business delegates to integrate with Middleware services like JAX-WS using SOAP and REST.
* Worked on Rest Web services for backend services used Oracle for database services and RESTful web services using Jersey for JAX-RS implementation.
* Developed Restful Web services for other systems to interact with our system and secured the service with Spring- Security and Oauth-1.0.
* Used Spring MVC components to implement business layer and Spring Boot for Micro-services.
* Used the Spring IOC feature to get Hibernate session factory and resolve other bean dependencies also used Spring framework AOP features and JDBC module features to persist the data to the database for few applications.
* Utilized spring core, AOP and security to build robust business operations with transactional support.
* Configured hibernate e with Spring ORM as part of spring and Hibernate Integration for best results.
* Developed the data access classes using JDBC and SQLquerylog4j for logging and SVN for version control.
* Sound knowledge in SQL within Oracle, MySQL, MS-SQL Server.
* Implemented the function to send and receive AMQP messages on RabbitMQ synchronously and asynchronously and send JMS message to Apache Active MQ on the edge device.
* Developed unit and integration tests for existing micro services using JUnit, Mockito and Docker environments.
* Developed and Implemented ANT and MAVEN Scripts to automation of build process on MAVEN build tools to test the application manually and run the JUNIT Test suites.
* Developed ANT scripts to build and deploy the application in the WebSphere Application Server.
* Used JIRA tool for Issue/bug tracking, monitoring of work assignment in the system
* Log4J was used to monitor the error logs and used GIT as version control tool.

**Environment:** Java, J2SE/J2EE, JDK, RCP, AWS SDK, Git, Swing, JFC, Spring, Hibernate, Core Java, SOAP/Rest, Web

Services, JavaScript, UML, Bower, HTML5, CSS, SASS, Sonar, WAS 8 WSDL, JIRA, JAX-WS, JAX-RS, MYSQL, JMS, Oracle,

Angular JS, WebSphere, Spring, Spring Boot, Spring Batch, AJAX, jQuery, JUnit, Maven, ACTIVE MQ, Rabbit MQ.

**Client: Adi web tech Solutions May 2017 - March 2020 Role: Sr. Java Developer**

* Contributed greatly to increase the code quality and productivity through Test Driven Development (TDD) and Agile Estimation and Planning.
* Used AngularJS to create views to hook up models to the DOM and synchronize data with server as SPA.
* Worked extensively on the front-end side using JSP, HTML, CSS3, JavaScript and jQuery.
* Developed HTML and Java Script. Developed Scripts for UNIX platform deployment.
* Responsible for JAVA, J2SE/J2EE, JBPM, EL and Java FX coding / development.
* Used Twitter Bootstrap to create responsive web pages which can be displayed properly in different screen sizes.
* Implemented SOA to develop REST Based Web services using Apache Axis.
* Designed and developed Web Services (SOAP, WSDL). Created and compiled XML Schema to generate Java Bean classes using Apache Axis.
* Involved in Java Multithreading to cascade multiple changes on multiple records in only one transaction
* Using Struts Framework developed and implemented the web-based application following the MVC.
* Implemented the service layer using Spring with transaction and logging interceptors.
* Fixing the bugs and developing new enhancements using JAVA / J2EE, spring, Hibernate, WebLogic.
* Used spring framework for middle tier and Spring-hibernate for data access.
* Used Spring MVC as Web module, involved in design, development of new Action classes to interact with business logic and Used Hibernate as ORM to map Java classes to data base tables.
* Implemented J2EE patterns, Data Access Object (DAO), Session facade, Business Delegate and Value Object.
* Developed and Deployed the Application on Eclipse IDE and WebLogic Web Servers.
* Developed build script using MAVEN to build, package, test and deployed the application in WebLogic.
* Use WebLogic fuse for remote console login, JMX management and web server console.
* Used Ant & maven scripts for build and deployment of the application.
* Used Eclipse as IDE tool to develop the application and JIRA for bug and issue tracking.
* Code walks through, modules integration and unit testing using JUnit and Mockito.
* Used Log4J, Splunk for logging and tracing the messages.
* Implemented Test Scripts based on the User Requirements as specified by the Business side and Requirement document and analyzing Business Requirements and handling it as per Requirements.
* Project coordination with other Development teams, System managers and web master and developed good working environment.

**Environment:** Java, JSP, Servlets, Spring AOP/IOC, Spring MVC, Hibernate, XML, JBPM, HTML, JDBC, Web services, Web Services (SOAP/WSDL and REST), Multithreading, WebLogic, Mockito, Junit, Maven, Log4J, SVN, Oracle, UNIX.

**Client:** [**Neev Systems**](https://www.linkedin.com/company/neevsystems/) **Jan 2016 – Apr 2017 Role: jr. Java Developer**

* Involved in a full lifecycle of the project from requirements gathering to development stage using Agile Methodology.
* Knowledge and experience working in an Agile environment.
* Engaged in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and code development.
* Front-end development using JSP, HTML, Typescript, JavaScript and wrote custom tags.
* Developed modules using Core Java APIs, Collections, Java 1.8(Streams), Multi-threading, Stream API, Collection API, Transaction Management, Exception Handling, Generics, Enums, Java I/O streams and designs patterns.
* Developed HTML and Java Script. Developed Scripts for UNIX platform deployment.
* Designed animated web pages by importing @angular/animations from latest animation package in Angular 7.
* Involved in **Java** Multithreading to cascade multiple changes on multiple records in only one transaction.
* Used Streams and Lambda expressions available as part of Java 8 to store and process the data.
* Used Eclipse as IDE tool to develop the application and JIRA for bug and issue tracking.
* Involved in System Analysis and Design methodology as well as Object Oriented Design and development using OOAD methodology to capture and model business requirements.
* Experience in performing **Unit testing, Integration Testing** and generation of test cases using **JUnit**.
* Used Eclipse as IDE tool to develop the application and JIRA for bug and issue tracking.
* Used **GitHub** for the version control.
* Experienced in Java Application Development, **Object Oriented Concepts**, Object Oriented Design **(OOD),** Object Oriented Analysis **(OOA)**, Object Oriented Programming **(OOP).**
* Implemented **Java 8** features such as **Lambda Expressions**, Streams, Method references, and Optional class to reduce the code size and simplify the operations. Worked high end on collections and multithreading.
* Implemented typescript features like **arrow functions**, constants, block-scope variables, and class inheritance.
* Working experience on **CSS** Background, CSS Positioning, CSS Text, CSS Border, CSS Margin, CSS Padding, CSS Table, Pseudo Classes, Pseudo Elements and CSS Behaviors in CSS.
* Produced content pages with CSS3 layout and style markup presentations and used JavaScript methods and properties.
* Used PL/SQL **Postgres** DB.