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**PROFESSIONAL SUMMARY:**

* Having **10 years** of technical expertise in complete Software Development Life Cycle process in a Java based environment that includes Requirements gathering, analysis, design, development, testing and implementation.
* Experience in **travelling**, **HealthCare**, **portal**, **Insurance and Banking** Domains.
* Experience in implementing business components using **Spring** modules like **Spring IOC, JDBC, Spring batch, Spring MVC, Spring Boot, Spring Data** and **Spring Cloud Stream.**
* Experience in implementing the application using Open-Source framework **Spring Boot, Micro services, API Gateway, Spring Cloud Netflix** (Eureka Server), Spring Data, Spring (IoC, Web, Data Access/Integration and Web services **REST/SOAP**.
* Experienced AWS Services including **EC2, EKS, SQS, Terraform, S3, RDS, IAM** and others, with a strong understanding of their capabilities.
* Experience in designing, implementing messaging systems using Apache **Kafka**
* Experience in working with **SQL** and **NoSQL** databases.
* Implementing **JWT** for authenticating and security for invoking of API calls.
* Excellent implementation knowledge of web client development using JSP**, JSTL, jQuery, JSON**, Responsive Web Design, **HTML, DHTML, CSS, JavaScript, Angular.**
* Experience in the functional usage and deployment of applications in Apache Tomcat Server. Contributed software engineering expertise in deploying API’s.
* Experience in **CI/CD pipelines** for automating build, test, and deployment processes.
* Working knowledge of **Agile** Development and **Waterfall** methodologies. Experience in writing and executing unit test cases using **JUnit, Mockito** Testing Framework.
* Extensive experience with IDEs like **Eclipse, STS, IntelliJ IDEA**
* Extensive knowledge of Client–Server technology, web-based n-tier architecture, Database Design and development of applications using **J2EE** Design Patterns like Singleton, Factory Pattern and **MVC**.
* Hands on experience with version control systems like **SVN, GIT, Bit Bucket** for providing common platforms for all the developers. Excellent communication skills and strong architecture skills.
* Experience with API development using Spring Boot, API documentation with Swagger, and API testing with Postman
* Proven ability to analyze problems, root causes, and develops innovative solutions to business challenges and streamlining operations. Exceptional ability to quickly master new Technologies and capable of working in-group as well as independently with a sense of responsibility and ownership.

**TECHNICAL SKILLS:**

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| Java Technologies | Java 1.8, JSP, J2EE, JDBC |
| Frameworks | Spring IoC, JDBC, Web, MVC, Security, Batch, Spring Boot, Data, Spring CloudOpen Feign |
| Web Technologies | CSS, HTML, Java Script, jQuery, XML, XSD, Angular, NodeJS |
| Web Services | SOAP, REST, Swagger API |
| Databases | MY SQL, Postgress SQL |
| Messaging  | Apache Kafka |
| Analytical ToolsAWS  | Elastic SearchAWS EC2, AWS ECS, AWS SQS, SNS, RDS, Cloud Watch, AWS Lambda, AWS IAM |
| Security | JWT, OAuth2 |
| Databases | ORACLE 10g, MySQL |
| Web/App. Server | Tomcat 7.0 |
| Deployment | Jenkins |
| IDE Tools | Eclipse, IntelliJ IDEA, Spring Tool Suite (STS) |
| Version Control tools | Git, SVN, BitBucket |
| Defect Tracking  | Atlassian JIRA, Grafana |
| Operating Systems | Linux, Windows |
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**PROFESSIONAL EXPERIENCE:**

**Client: Poolcorp (Remote) Oct 24 - Present**

**Role: Java Software Engineer**

**Responsibilities:**

* **Spearheaded the design and documentation of API endpoints using Swagger, defining comprehensive schemas and request-response payloads for seamless integration.**
* **Automated Swagger documentation generation and synchronization with codebase changes, ensuring up-to-date API documentation for stakeholders.**
* **Engineered Terraform modules and configurations to provision and manage infrastructure resources for cloud-native applications. Implemented Terraform providers and state management strategies to enable seamless integration with cloud platforms such as AWS.**
* **Automated CI/CD pipelines using Jenkins file and Jules YAML configurations, enabling continuous integration and delivery of software artifacts.**
* **Leveraged AWS CloudWatch Logs for monitoring and analyzing logs from AWS services and applications deployed on AWS infrastructure.**
* **Leveraged S3 event notifications and triggers to automate workflows and trigger downstream processes based on object storage events.**
* **Orchestrated task definitions and services using ECS, ensuring high availability, fault tolerance, and resource optimization.**
* **Conducted comprehensive API testing using Postman, facilitating manual and automated testing of RESTful APIs for functional correctness and performance validation.**
* **Integrated Postman with CI/CD pipelines for automated API testing as part of the software delivery process, ensuring consistent quality and reliability of APIs.**
* Used Core Java and advanced **Java 8** features like Lambda expressions, Streams, Method reference, Collections, etc.
* Used Micro Services architecture with **Spring Boot** services interacting through **REST** Templets.
* Created **APIS** and scheduled **jobs** to consume weekly data from the **DOI** site for fuel updates.
* Identify the **issues** and enhance the existing application program with new features.
* Used **Lens** console to monitor the different environment **logs** and events for the **Kubernetes pods**.
* Configured and administered GIT Actions for CI/CD into the integrated Tomcat Application Server, which is hosted in the **Kubernetes** clusters.
* Worked with testing frameworks such as **Junit**, **Mockito** and Performed GUI, Functional and Regression testing.
* Used **JIRA** to assign, track, report, and audit the issues in the application through a **two-week sprint** process.
* Experienced in setting up **test** environments for automated script execution using spring **scheduler** and **cronjobs**.

**Environment: Core Java, Java 8/11, Spring Boot, Kafka, Nodejs, Spring Security, REST, Docker, Kubernetes, Postman, JIRA, Git, Git Actions, Gradle, AKS, MongoDB, Postgres, AWS, Visual Studio Code,** and **IntelliJ.**

**Client: DBS, Singapore Oct 2020 –Nov 2023**

**Employer: HCL, Hyderabad, India**

**Role: Java Full Stack Developer
Responsibilities:**

* Involved in development of an API using Rest Web services.
* Followed the coding standards and code coverage **SONAR**.
* Implemented security measures for **Kafka clusters**, including **SSL encryption**, SASL authentication, and access control policies to protect sensitive data.
* Exception Handling to provide proper Error Code and Response.
* Developed multiple **single page applications using Angular 7.0**, HTML5, CSS3.
* Integrated **RESTful APIs** using **Angular’s HttpClient** module with proper error handling, and interceptors for token management.
* Coordinating with build team in deployment activities, Integration testing, bug fixing, handling change requests

and code reviews and **Sonar Qube** bug fixing.

* Utilized **Kafka Streams** to implement data enrichment and transformation pipelines, enhancing the quality and usability of incoming data streams.
* Good understanding of Jenkins, Git **& CI/CD**
* Understanding of Docker containerization and knowledge of build and release tools such as, Jenkins.
* Implementing **JWT** for authenticating and security for invoking of API calls
* **Designed** **Kafka topics** to manage different streams of data, such as transaction logs, account updates, enabling efficient data segregation and processing.
* Deploying the application with **AWS** **ECS** and checking the Application Load balancer in **Aws EC2**.
* Accessing the **AWS RDS** instances from server and validating the data.
* Upload the file to **S3** once after batch processing using spring batch.
* Store complex real-world entities in elastic search as structured JSON documents. All fields are indexed by default and all the indices can be used in a single query to easily return complex results at breathtaking speed. Indexing the elements in elastic search
* Designed and implemented micro services architecture.
* Querying the elastic search-using search API to get aggregate transaction summary on **Java API** Client.
* Exception Handling to provide proper Error Code and Response.

**Environment:** Java 1.8, Spring BOOT, Spring cloud, Spring Data, JSON, MAVEN, REST Webservices, GIT, JWT, Jenkins, JIRA, Elasticsearch 2.3.1, Spring Batch, AWS EC2, IAM, AWS cloud watch, AWS RDS, NGINX, IntelliJ idea.

**Client: Nationwide, US Nov 2017- Jun 2020**

**Employer: Cognizant, Chennai, India.**

**Role: Software Engineer
Responsibilities:**

* Handling client change requests and enhancements on an **Agile** based development platform.
* Understanding Functional and Technical Requirement Specification and developing customer’s business rules for the product.
* Implemented Java Batch and created a job to read data from Database schema, indexing them while retrieving data.
* Expertise in designing test cases for unit testing applications using JUNIT and testing using **MOCKITO**.
* Responsible for Detail Design and Development of UI using **Angular**
* Involved in the implementation of logic from one layer to other transformation layer and making use of Singleton Design Pattern.
* **Designed and implemented micro services architecture** for insurance application, focusing on modules such as policy management, claims processing, and customer service, using **Spring Boot**
* **Designed** and **implemented** monitoring dashboards in **Grafana** to visualize key metrics and logs from application
* Monitored the error logs using **Log4J** and fixing the problems.
* Integrated monitoring and logging solutions with **PCF** using Grafana, enabling proactive monitoring and troubleshooting of application and infrastructure issues.
* Used Check Style for formatting, developing application and configured in IntelliJ J
* **Used** **Jira dashboards** to track personal and team progress during **daily stand-ups**, providing updates on task completion, and coordinating with team members to address issues.

**Environment:** Java 1.8, Spring Boot, Spring cloud, Spring Data, JSON, MAVEN, REST Web services, GIT, JWT, Jenkins Spring batch, XML, Windows, Oracle, Maven, Angular

**Client: Standard Chart Aug 2016 – Aug 2017
Employer: Capgemini, Chennai, India**

**Role: Java Developer
Responsibilities:**

* Understanding the business requirements and do the analysis to implement.
* Involved in developing code to access a **REST** web service from front end and provide the response in **JSON** format.
* Designed and developed batch jobs using **Spring Batch** to process daily financial transactions, payments.
* Used JPA implementation Hibernate to persist data to a **MySQL** database.
* Used **Maven** to build the project with dependencies.
* **Developed and optimized** database queries using **Hibernate HQL**
* Used **log4j** for tracking errors and debugging the code.
* Used Postman to test API
* Involved in preparation of test case document.
* Mapping the Java Entity classes with tables by using **ORM** Framework with **JPA** Annotations.
* Used SVN for version control.
* **Implemented security measures** such as **OAuth2** and **JWT** for API authentication and authorization
* Developed complex service components for Data Access Layer, DAO classes to interact with **backend** using Java and JPA Implementation.

**Environment:** Java, Spring Boot, Spring Cloud, Spring Data, Security, REST Web services, JWT, Hibernate, JSON, Eclipse IDE, Windows, Maven, JUnit, GIT, Tomcat**.**

**Project: HRMS CSS Corp. Dec 2015 – Aug 2016
Employer: CSS Corp, Chennai, India.**

**Role: Java Developer**

**Responsibilities:**

* Involved in the migrating Struts Form Beans to **Spring Models.**
* Involved in migrating **JSP** pages to **Angular**
* Event Handling, populating data, retrieve data from database Using **Spring JDBC**
* Involved in Junit Testing and written unit test cases for all the modules
* Involved in preparing technical documents shared in **Confluence**.
* Developed Employee portal pages with Angular
* Used Maven to build the project with dependencies.
* Implemented DAO classes to retrieve the product information for all entities and did other configurations using JDBC
* Developed the Java Utility Classes for accessing and validating data.
* Monitored the error logs using **Log4J** and fixing the problems.
* Worked in **AGILE** methodology, handling User Stories and delivering them in on time
* Supported Single Page Applications when client changed the query condition using Angular which includes Routing, Directives, and Templates
* Used Spring MVC, Security modules used for the development of an application and Configured login/logout credentials using Spring security module.

**Environment**: Java, AngularJS, Spring IOC, Spring MVC, Spring JDBC, Spring Batch, hibernate, Spring AOP, xml, angular, JIRA, Confluence, SVN, Tomcat 6.0 and MySQL, Log4j, JUnit, Maven

**Client: VFS Global, Dubai Dec 2014 – Nov 2015**

**Employer: CSS Corp, Chennai, India**

**Role: Java Developer
Responsibilities**:

* Involved in bug Fixing.
* Developed the frontend screens using JSP, JavaScript.
* Used JUnit to implement the different test cases. Involved in executing Unit Testing and System Integration testing
* Used SVN for version control.
* Created Spring AOP aspects for logging method execution details such as method entry, exit, exceptions, and execution time.
* Involved in developing the requirement using Spring with MVC and implementing two phase mappings such as action mapping for business logic and to invoke the service call and the other mapping to render UI.
* Performed unit testing and comprehensive scenario testing of the modules I worked on.
* Developed the UI pages for supporting team instead of writing SQL queries.
* Manual testing for UI and Spring portlets new functionality.
* Reputation for being excellent problem solver, debugging, log analyzing and customer interfacing skills with the ability to manage multiple projects and meet deadlines.
* Wrote JavaScript’s for client-side validations based on their business rules.

**Environment:** java/j2ee, Tomcat5.0, JSP JavaScript, Spring IOC, Spring MVC, Spring JDBC, Spring Batch, hibernate, Spring AOP, Xml, Oracle, Eclipse, SVN, Maven

**Education: Master’s in Computer Applications (MCA)-2013**