**Name: Ganesh A**

**Email:** [aviswaganesh@gmail.com](mailto:aviswaganesh@gmail.com)

**Phone: 816-239-6658**

‬‬‬‬

|  |
| --- |
| **PROFESSIONAL SUMMARY** |

* Extensive experience of 8 years in both Back-end and Front-end development, I possess a demonstrated proficiency in seamlessly managing diverse stages of the software development process.
* Proficient in Software Development Life Cycle (SDLC) methodologies such as AGILE (SCRUM, KANBAN) with hands-on experience across the entire development process from requirement gathering to implementation.
* Proficient in Test-Driven Development (TDD) methodologies for ensuring robust and reliable code.
* Extensive experience in web application development using HTML5, CSS, Bootstrap, XML, JavaScript, DOM, jQuery, Ajax, JSON, and JSP.
* Applied Java EE design patterns like Singleton, Abstract Factory, DAO, DTO, and Business Delegate in developing multi-tier distributed Enterprise Applications.
* Demonstrated expertise in Core Java including Streams API, Lambda functions, Functional programming, and Generics.
* Developed JAVA 8 features like Time API, Functional Interfaces, Multithreading, Transaction Management, Exception Handling, and Collection API
* Developed Service Oriented Architectures (SOA) and Microservice architectures using J2EE web services with frameworks such as SOAP and RESTful.
* Extensively utilized open-source MVC architectures including Struts, Spring Boot, Spring IOC, Spring IO, and Spring MVC, coupled with Object-Relational Mapping (ORM) Frameworks such as JPA, Hibernate, and JDBC.
* Proficient in writing SQL queries in PL/SQL, Triggers, and Stored Procedures for Relational Databases like Oracle, MS SQL, MySQL, and DB2.Experienced in configuration management tools like Docker and AWS SDK.
* Experienced utilizing Aurora, Cassandra, and MongoDB databases effectively to streamline data management and storage for improved operational efficiency.
* In-depth knowledge of utilizing testing tools like JUnit and Mockito, with a comprehensive understanding of code quality assessment tools like SonarQube.
* Proficient in building real-time dashboard applications using Splunk, Elastic Search, and Logstash (ELK) for profiling and monitoring streaming data.
* Implemented Spring Security Framework for User Access Management, JWT token-based authentication, and involved in OAuth 2.0 configuration for authentication and authorization.
* Extensively used Spring IOC for object injection based on component selection, with a solid understanding of Server-side JavaScript.
* Proficient in deploying, configuring, and optimizing JBoss application server instances for enterprise-level applications.
* Experience in server-side view rendering Java content structures like React and rendering pages on the server-side utilizing Redux for unidirectional plan stream.
* Proficient in Integrated tools like Spring Integration for enterprise application technology integration within existing JVM environments.
* Familiarity with Message Queue (MQ) services like Rabbit MQ, Active MQ, and IBM MQ.
* Adept at using CI/CD tools like Jenkins, GitLab, Serverless Framework, and Bamboo with substantial involvement in UNIX and Shell scripting for build script automation.
* Experience in integration testing tools like Selenium WebDriver for behavior-driven development testing, JUnit Framework using Mockito and EasyMock, and testing JavaScript structures using Jasmine and Karma.
* Proficient in Amazon Web Services (AWS) including EC2, ECS, Fargate ECS,S3, Cloudwatch, IAM, API Gateway S3, Lambda, Security Groups ,Elastic Load Balancing, SQS, EBS, CloudFront, and extensive experience with AWS services like VPC, Elastic Beanstalk, RDS and DynamoDB .

|  |
| --- |
| **TECHNICAL SKILLS** |

|  |  |
| --- | --- |
| **Programming Languages** | Java, JavaScript, PL/SQL, UNIX Shell Scripting |
| **Java/J2EE Technologies** | Servlets, Spring, JPA, JDBC, JSP |
| **Frameworks** | Hibernate, Spring, Struts |
| **Web Technologies** | HTML5, CSS, AJAX, jQuery, Bootstrap, React |
| **Database** | SQL Server, MySQL, Oracle, MongoDB, DB2 |
| **Web Services** | SOAP, RESTful |
| **Messaging** | JMS (Java Message Service), Apache Active MQ. |
| **Web Application Servers** | Apache Tomcat, Postman |
| **Methodologies** | Agile, SCRUM, KANBAN, Test Driven Development |
| **Testing Tools** | JUnit, Mockito, Jasmine, Karma, Selenium, Jest |
| **Version Control** | GIT, GitHub, Bitbucket |
| **Build Tools** | Maven, Gradle, ANT |
| **IDEs** | Eclipse IDE, IntelliJ IDEA, Spring Tool Suite (STS). |
| **Operating Systems** | Windows, Linux, and UNIX |
| **AWS technologies** | Lambda, EC2, S3, API Gateway, DynamoDB. |

|  |
| --- |
| **PROFESSIONAL EXPERIENCE** |

## **Client: DocuSign, Seattle, USA Date: Oct 2022 - Present**

**Role: Java Full Stack Developer**

**Responsibilities**

* Developed a Microservices Architecture application utilizing React.js, and MongoDB for data storage to emphasize single-page application (SPA) creation to ensure seamless user experiences.
* Developed React components compatible with the latest versions of JavaScript, while designing efficient user interaction screens using HTML, CSS, Bootstrap, and media queries for responsive web pages.
* Programmed J2EE application to manage transaction reports for Oracle Financials Application Processes, authenticated users to provide security to RESTful web services using OAuth 2.0, and conducted UI testing with Karma and Jasmine
* Designed dynamic schema through NoSQL MongoDB, employing rich queries for data distribution across multiple systems, achieving horizontal scalability through Sharding.
* Utilized Java 11 features such as Lambda expressions, Streams, filters, pipelines, and Optional Interfaces, and incorporated ODM frameworks to connect asynchronous environments with Mongoose Connector and Cassandra Node Driver.
* Implemented Microservices architecture with Spring Ribbon using Spring Boot, incorporating client-side load balancing and Spring Hystrix circuit breaker for fail-safety.
* Implemented Spring Circuit breaker pattern, integrated Hystrix dashboard to monitor Spring microservices, participated in code review and mentoring sessions, and utilized GIT as version control.
* Employed AWS solutions, including EC2, S3, RDS, EBS, Elastic Load Balancer, and Cloud Watch. Configured and managed AWS Services implemented serverless architecture using API Gateway, Lambda, and DynamoDB, and utilized Jenkins for Continuous Integration and Continuous Deployment (CI/CD).
* Wrote Drool rules for rule flow and drooled fusion, configured Kubernetes for automated deployment, scaling, and management of containerized applications.

**Environment:** Java 11, J2EE, AWS, Kubernetes, Spring Boot, Spring MVC, Hibernate, Rest, React, OAuth 2.0, PostgreSQL, GIT, Karma, Jasmine, Maven, Jenkins.

## **Client: ADP, Hyderabad, India Date: Aug 2020 - Jul 2022**

**Role: Java Full Stack Developer**

**Responsibilities**

* Utilized React to construct Bootstrap components, creating a responsive UI connected with API data for dynamic rendering of the virtual DOM.
* Developed overall layout design and prototyping using React, Redux library, jQuery UI, CSS, and HTML5.
* Developed reusable forms with validations using REACT within the Redux Architecture, demonstrating proficiency in Lambda expressions, Time APIs, and Java core features.
* Optimized the cleanup of session-level data structures shared across different tabs, particularly when data is flushed/committed, and implemented Struts for MVC-based application architectures.
* Implemented Spring Boot for CRUD back-end development in conjunction with React, employed Jenkins for CI/CD and Dockerized Spring Boot applications for Pivotal Cloud Foundry PAAS.
* Conducted unit testing on ReactJS applications using Karma and Jasmine and utilized NPM for build automation.
* Integrated Docker Engine and Docker Machine for microservices-oriented environments, practiced unit testing using JUnit and Mockito for RESTful web applications, and transitioned AWS infrastructure to Server-less architecture.
* Experienced in implementing security measures and access controls within JBoss application server environments.
* Worked with Docker and Kubernetes for container-based application deployments and integrated security models into projects using Spring Batch, Spring Microservices, Spring Boot, and Pivotal Cloud Foundry.

**Environment:** Lambda Expressions, Spring Boot, React, Time APIs, Struts, Pivotal Cloud Foundry (PAAS), NPM, JUnit, Mockito, Spring Microservices, Spring Batch, Redux.

## **Client: Carelon Global Solutions, Hyderabad, India Date: Aug 2018- Jul 2020**

**Role: Software Developer**

**Responsibilities**

* Developed HTML5, CSS, jQuery, and Ajax for client-side validations, and created the user interface (UI) using React.js migrating from a traditional JavaScript application.
* Experienced in building single-page applications (SPAs) and complex web applications with React.js.
* Deployed drools rules as a service in the J2EE stack and wrote SQL, PL/SQL procedures, and triggers on Oracle database, configuring Hibernates second-level cache with EH cache.
* Implemented security with SiteMinder (SSO), interacted with databases using Hibernate ORM, and utilized React.js for rendering functions and event-handling controllers.
* Managed Jenkins for application deployment in Pivotal Cloud Foundry (PCF), integrated with GitHub, and established ODBC for connecting to the Oracle database.
* Experienced utilizing Jest as the primary testing framework for React applications, ensuring robust code coverage by creating comprehensive unit tests, assertion validations, and mock implementations.
* Utilized Maven build tool for deploying applications on web servers like JBoss, implemented comprehensive testing using Mockito, and integrated Selenium and Cucumber for integration and behavioral-driven testing, respectively.

**Environment:** Spring framework, Spring Security, Spring IOC, HTML5, CSS3, AJAX, Bootstrap, JSON, XML, jQuery, Maven, JBoss, Log4j, GIT, Eclipse, Selenium, Jest, Mockito, Oracle DB.

## **Client: Accenture, Hyderabad, India Date: Feb 2016 - July 2018**

**Role: Java Developer**

**Responsibilities**

* Developed robust Java backend applications for banking and financial services, enhancing transaction processing and data management efficiency by 40%.
* Implemented complex backend services using Spring Boot, integrating Spring JPA and Hibernate for effective database interaction. This led to a 30% improvement in data query performance.
* Designed and executed microservices architecture using Spring Boot, which streamlined application modularity and enhanced system scalability.
* Implemented responsive web applications using HTML5, CSS3, JavaScript, and jQuery, with Servlets handling standard validations and JDBC/XML parsing techniques for business logic in an MVC architecture.
* Designed a mailing application to notify Oracle users about workflow initiation and utilized Multithreading for efficient data posting and file format transformations.
* Configured Struts framework components such as Struts-config.xml, Tiles-def.xml, and various properties files, incorporating Struts tag libraries extensively.
* Developed a DAO pattern for database data retrieval, maintained bean life cycle using Spring IOC, and employed Log4J for logging, including runtime exceptions capture.
* Deployed the application on the Oracle WebLogic Server and a client Linux server, utilizing the ANT build tool for compilation and war file generation.

**Environment:** Core Java, J2EE, JSP, HTML, MVC, Servlets, Struts, JMS, PL/SQL, DAO, Ant, SOAP, JAX-WS, WSDL, Junit, SQL, and Spring Tool Suite.

**Education: -**

* Bachelor’s in computer science from KLU, India.