**AMAN RAUNIYAR**

# FULL STACK JAVA DEVELOPER

**EMAIL:** [**rauniyaraman46@gmail.com**](mailto:rauniyaraman40@gmail.com)

## Professional Summary:

* Full stack developer with **8 years** of experience in all the phases of software development life cycle such as

## Planning, Analysis, Design, Implementation, Testing and Maintenance of Web Based, Client-Server.

* Experience working with various Software Development Life Cycle (SDLC) methodologies based on **Agile, Scrum, Waterfall Model.**
* Experienced in UI frameworks such as **Angular, jQuery, Ajax, JavaScript, Node JS.**

## Have extensively used HTML5, CSS3, JavaScript, TypeScript, JSON, AJAX, DOM, Custom Tag Libraries, jQuery, Bootstrap, XML, XSLT, Angular 2/4/5/6/7/9/10/11/12/13, ReactJS, BackboneJS, ExtJS, Adobe, ExpressJS technologies.

## Experience working in Oracle, PLSQL and SQL Server database. Worked with TOAD and SQL Developer extensively for database operations.

* Extensive experience in developing scalable, reliable and efficient enterprise applications using **Java, Spring, Struts, Web Services, RESTful, JSF, JDBC, JSP, Servlets, EJB, JMS, XML, JAXB, PL/SQL, Unix scripting.**
* Expertise in Micro services developing SOA (Service Oriented Architecture) and J2EE Web Services based on

## SOAP, WSDL, UDDI, JAX-WS, JAXB, JAX-RPC using tools like Apache Axis.

* Experience in working with queues like **AWS SQS, SNS,MQ and RabbitMQ.**
* Experienced in Middleware persistence frameworks like **Hibernate/JPA** Entities for mapping Java classes using **Hibernate Query Language (HQL), HSQL Named Queries, Criteria, Projections.**
* Strong understanding of Micro services patterns - **Circuit Breaker, Decomposition, Aggregator, Proxy Chaining**.
* Implemented Java 8 features such as **Lambda Expressions, Streams, Method references and Optional class**

to reduce the code size and simplify the operations.

* Experienced in working with **python** librarie
* Experience working with AWS **CDK** (Cloud Development Kit).
* Worked with **high volume and complex PL/SQL** stored procedures and packages using Oracle SQL.
* Strong experience with **MongoDB** development (reports, schema design, map reduce functions) and migrations from SQL relational databases to NoSQL databases like **MongoDB, Cassandra and CouchDB.**
* Experience in writing **Queries, Stored Procedures, Triggers, Cursors, Functions and Packages using TOAD**.
* Experience in designing User Interface UI applications and professional web applications using HTML5, CSS3, JAVASCRIPT, JQUERY, AJAX, JSP, JSON, Bootstrap, Tailwind CSS and AngularJS.
* Experience working on several Docker components **like Docker Engine, Hub, Machine, creating Docker images, Compose, Docker Registry** and handling multiple images primarily for middleware installations.
* Proficient in using Amazon Web Services AWS. Extensive experience focusing on services like **EC2, VPC, CloudWatch, CloudFront, Cloud Formation, IAM, S3, Amazon RDS, Elastic cache, SNS, SQS.**
* Development of services that utilize **AWS SDK's (DynamoDB, Elastic Beanstalk, EC2, Lambda).**
* Design and implement Java-based solutions integrating with **Amazon Connect** for seamless customer interaction management.
* Engineering and integration of message & event-driven microservices using various patterns and technologies **(Rabbit MQ, Kafka, IBM MQ, Spring Integration, Spring Cloud Stream - Kafka, Spring AMQP)**
* Hands on experience with build tools like **ANT, Maven, Gradle and logging tools like Log4J.**
* Experience in creating Asynchronous Messaging configuration in **Tomcat, WebLogic and web sphere Servers.**

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## Professional Experience:

**CIGNA Healthcare, Bloomfield, CT Jan 2021 - Present**

**Senior Java Full Stack Developer**

**Responsibilities:**

* Development and support **of Asset/Inventory Management System** including holiday preparedness within POS Manager.
* Actively involved in the analysis, definition, design, implementation, and deployment of full **Software Development Life Cycle (SDLC)** of the project.
* Designed application with **AWS Glue**, S3 and DynamoDB with **AWS CDK**.
* Designed, analyzed, and developed the front-end and back-end Node JS, Bootstrap for designing, **JSP, HTML5, CSS3, Angular JS, Ember JS** for developing presentation layers.
* Develop **Ansible** roles for Windows servers using windows **Ansible** **modules**, which can be re used in the development of the **Playbooks**.
* Involved in the creation of database objects like Tables, Views, Stored Procedures, Functions, Packages, DB triggers, Indexes using oracle tools like Toad, **PL/SQL** Developer and **SQL** plus.
* Created custom reports and dashboards for Ecommerce websites in **Adobe Analytics**.
* involved in using **JPA** (Java Persistence API) frameworks and APIs as JDO and **Hibernate**
* Implemented **Redis caching** to store frequently accessed patient records in a healthcare management system, reducing database load and improving response times for critical patient data retrieval.
* Design, test, and maintain the application built on Spring, and **Hibernate-JPA**.
* Designed and developed the angular application using Angular CLI, **TypeScript**, HTML5, CSS3, **JQuery**, **Bootstrap**.
* Developed application using Web Services for data access from legacy applications and integrated with new **GUI** developed using **HTML, XML, Angular 5, Bootstrap**, and Spring Framework.
* Involved in the development of DOM parsing, **SQL** procedures and in development of IVR in **VXML, CCXML**.
* Involved in multi-tiered **J2EE** design utilizing Spring Inversion of Control and Hibernate.
* Experienced with Processing Rules, Report Suites, Segment Builder in **Adobe Analytics**.
* Used **Hibernate, Object Relational Mapping (ORM) solution**, technique of mapping data representation from **MVC** model to **Oracle Relational data model** with an -based schema.
* Used **Angular 5** for Directives, Filters, Services, Validation, and Data binding of UI components.
* Developed reusable custom directives using Angular **5** using transude, restrict, event handlers and templating.
* Iimplemented **RESTful** web services using **Apache CXF, Jersey** for **JAX-RS.**
* System built using **Model-View-Controller (MVC) architecture**.
* Developed the Spring Features like **Spring MVC**, **Spring Boot, Spring Batch, Spring Security**, and **Spring Integration.**
* Implementing or exposing the **microservices** to base on **RESTful** API utilizing Spring Boot with Spring MVC.
* Leveraged **API Management** with **Apigee** and **Service Mesh** with **Istio** to architect a secure and scalable healthcare data exchange platform, ensuring seamless integration of disparate systems, efficient communication between services, and robust management of APIs for improved interoperability and compliance in Java backend development.
* Used Oracle PL/SQL stored procedures to handle the business logic and executing through java.
* Applied **Elasticsearch, Logstash, and Kibana** to develop a healthcare data analytics platform, enabling real-time search, analysis, and visualization of patient records, diagnostic data, and treatment outcomes for informed decision-making in Java backend development.
* Used **J2EE** design patterns like **Adapter, Service locator, Session facade, Singleton, Factory and DAO Spring AOP, Spring Transactions, Hibernate, JDBC, SQL, ANT, JMS, React, Oracle 11g**.
* Implemented classes, interfaces and methods, constructors and objects definitions using **TypeScript**.
* Worked on using WebSphere server built in **JMS** provider for communicating with legacy applications
* **GraphQL API Design & Optimization**: Developed GraphQL schemas and resolvers using Java to streamline data querying and aggregation, allowing clients to request only the necessary data, improving API efficiency and reducing payload size
* Automated build process through **Maven** build framework for enterprise applications.
* Developed data transformer for converting legacy data from Source tables to **Avro format** and fed into **Kafka** using **Camel**.
* Proficiency in adoption of architecture paradigms such as **SOA**, Web Services, Middleware technologies.
* Configure and build Asynchronous communication with **JMS** services with MQ services.
* **Spring MVC** model integration for front-end request action controller.
* Configured connection pooling in **Web Sphere server**.
* Used **Micro service** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers.
* Involved in fine tuning the Enterprise **JBOSS** image.
* Worked on Log4J to validate functionalities and **JUnit** for unit testing.
* Implemented and configured and customized JIRAissue tracking software with agile plug-in across all company functions and acted as **JIRA** administer.
* Developed a scalable and resilient microservices architecture on **AWS using services like Amazon EC2, Amazon RDS, Amazon S3, and AWS Lambda**, ensuring high availability, fault tolerance, and efficient resource utilization for a Java-based backend system.
* Applied the Spring frameworks such as **Spring MVC**, and **Spring AOP**and implemented **Hibernate ORM (Object Relational Mapping)**.

## Silicon Valley Bank, Tempe, AZ Jun 2018 - Dec 2020

**Full Stack Java Developer**

**Responsibilities:**

* Worked as a Full-Stack developer in **struts** to spring migration project (customer service application).
* Good experience in developing web applications using **Spring MVC, Spring Boot framework** implementing **Controllers, spring Forms, Spring Validation Framework and Spring Tag Libraries**.
* Expertise in converting **XSL** to **JSP** and implementing **Tiles configuration**.
* Experience working on **WebLogic** and **Jetty servers** to deploy and debug the application.
* Implemented **WAS API** technique to reduce the threat of software vulnerabilities with **cross-site scripting, cross site request forgery, clickjacking.**
* Have replaced the Java Messaging Service (JMS) calls with **AWS SQS** and used **AWS SNS** to connect with Amazon **SQS** for bulk email processing.
* Developed report suites using **Adobe Analytics** Report builder and dashboard for customer journey and conversion metrics.
* Migrated from **Angular** **8** to the Angular 9 with the latest version depending on **Typescript 3.8**
* Experience using **Hibernate** for mapping Java 8 classes withdatabaseandusing Hibernate query language **(HQL)**
* Scheduling the **python** scripts from **AWS** **Lambda** with cloud watch events.
* Created web-deployed forms and reports for clients using Oracle Portal, ASP.NET, HTML and Java script embedded in **PL/SQL, PL/SQL** code calling **Java APIs**, **Oracle** Reports generated by **Oracle** Reports 6i and **SQL** Plus
* Designed and developed Application based on **JSF framework** using **MVC design patterns**.
* Involved in Implementation and **Unit testing** of the product.
* Proficient in **Object-Oriented Analysis (OOA)** and **Design (OOD) concepts**, applying them effectively to architect robust and maintainable Java backend solutions.
* Excellent implementation Persistence layer using **JPA, JDBC**and**Hibernate**
* Editing existing **Adobe Analytics** JavaScript code
* Developed cloud formation templates using AWS **CDK**.
* The application flow is designed and developed using **JSF, spring framework and Tiles.**
* Designed and developed the **UI** using **Struts view component, JSP, HTML, CSS and JavaScript JSP Content** is configured in **XML Files**.
* Built **React** application utilizing Redux for state management.
* Used props, states, keys, refs in **React.js** to build the UI components
* All the functionality is implemented using **Spring IOC / Spring Boot** and **Hibernate ORM**.
* Implemented **Java EE components** using **Spring MVC, Spring Boot, Spring IOC, Spring transactions and Spring security** modules.
* Implemented **Maven** builds to automate **JAR, WAR and EAR.**
* Expertise in client-server applications using **Oracle PL/SQL**.
* Experience in integration tools **Oracle SOA, Web Methods and Apache Camel**.
* Assisted in development and maintenance of new **APIs** for integration.
* Deployed the web components into the **WebSphere application server**.
* Worked on SMTP Server setup for customers using **ansible** and **terraform**.
* Designed and developed various modules of the application with **J2EE design architecture, Spring MVC architecture** and **Spring Bean Factory** using **IOC, AOP** concepts.
* Implemented features like **logging, user session validation** using **Spring-AOP module.**
* Developed server-side services using **Java 5.0, Spring 2.5, Web Services (SOAP, WSDL).**
* Wrote application front end with **HTML, JSP, React, Ajax jQuery, Spring Web Flow, XML, XHTML, DHTML and CSS.**
* **Hibernate** is used as a persistent middle tier for providing object models over **relational data model**.
* Optimized **ants build script** for faster building and worked on modifying **shell scripts**.
* Hands-on experience with control tools like **CVS, SVN, VSS (Visual SourceSafe)** and **data modeling**.
* Using **CVS version control tools** to manage source repositories.
* Creating an environment for user-acceptance testing and facilitating Integration with **JUNIT**.
* Implemented user interface guidelines and standards throughout the development and maintenance of website using **Angular 6,** **HTML5**, CSS3, Bootstrap, **TypeScript**, DOM, Ajax and Java.
* Used **WinSCP** to copy the files between remote and local machines.
* Created **PL/SQL** packages, procedures, triggers, functions, indexes and collections to implement business logic using **SQL** Navigator.
* Worked on **VUGen**, to validate the **XML** scripts and to perform smoke tests.
* Worked in the performance center environment to run the scripts and to collect the load runner results, also involved in monitoring the **CPU utilization and memory utilization by load generators and validating performance tuning results**.
* Used HP **LoadRunner** to modify the load runner results, and to analyze the graphs generated.
* Worked on **MySQL** statement caching and database connectors.

## Allstate, Chicago, IL Oct 2016 - May 2018

**Java Full Stack Developer**

**Responsibilities:**

* Gathering requirement specifications in the sessions involving Business and IT.
* Design and Develop **REST APIs** to serve processed data across **Reactive Web Pages** in **Single Page Applications** and **Databases**.
* Worked on **React** **JS** Virtual Domand React views, rendering using components that contains additional components called custom **HTML** tags.
* Developed dynamic responsive Web Application by integrating **Angular** with **Bootstrap** which is further integrated with **Web Services** and **Vue.js**.
* Creation of the High Level and Detailed Level design documents for the application.
* Design, Coding, Development of the Gateway application using technologies like **Spring Boot, REST Microservices, JSON, HBase, Pentaho** etc.
* Designed and developed **REST Microservices** using **Spring Boot**.
* Tested the **REST APIs** using **SoapUI** and **POSTMAN**.
* Used **Maven** for building and deploying the application in **WebSphere** server.
* Followed **Agile Methodology** for the **Software Development Life Cycle (SDLC)**.
* Analyze the defects, defect fixing and assign it to appropriate resources. Also, support the team to fix defects.
* Fix the production defects during the warranty period.
* Used the **JavaScript libraries jQuery** and **AJAX** to talk to the **RESTful API** and display the **JSON format data** for the end user.
* Designing and developing Hadoop system for Confidential ’s Partner Metrics central application using Hive, Hue, MapReduce, **Java UDF, Scoop, Shell scripts, Tidal, Oracle PLSQL** and **Informatica**
* Involved in the creation of exhaustive **JUnit Test Cases** for each java class that is being developed for this application using a mocking framework **Mockito** using Test Driven Development technique.
* Used **Selenium** for writing automation test cases for the **UI**.
* Developed new Adobe Analytics **JavaScript** code
* Performed Functional and Regression testing by automation using **Selenium, Maven and Jenkins.**
* Implemented **Spring Security** for **authentication** and **authorization**.
* Used multiple **AWS services** like **Code Commit, AWS S3, AWS SQS, AWS lambda, EC2**.
* Used **AWS code pipeline** and code deploy to build and deploy code to **AWS cloud**.