**Rohan Reddy Sheri**

**Full Stack Java Developer**

**PROFESSIONAL SUMMARY:**

* **Around 10 years of IT experience in design and** **development** of enterprise applications with complete Software Development Life Cycle utilizing Java and J2EE advances**.**
* Experience in developing web applications using **J2EE, Servlets2.1, JSP, Spring5/4, AngularJS, Struts, Hibernate, EJB, JMS, JDBC, JAVAX-WS, HTML, CSS, and ReactJS**.
* Good knowledge on client-side **Java 11** framework **Angular 11** with **NGRX, Kotlin** to achieve MVVM design flow using directives, observables, promises, dependency injection from component to services, pipes, shadow Dom (to render DOM tree).
* Using **Eclipse**, **My Eclipse, IntelliJ IDEA, RAD, NetBeans, GCP, Lambda** integrated development environment for writing **java** classes and handling **Java**/**J2EE** projects.
* Adept in working with various **Spring** Framework modules like **Spring Core**, **Spring MVC**, **Kotlin**, **Spring AOP, Spring Security**, **Spring Batch**, **Spring Integration and Spring Boot2.3.1/1.2.6.**
* Experience in integrating Business classes with web application security standards like OWASP (Open Web Application Security Project) and OASIS (Organization for the Advancement of Structured Information Standards).
* Working on **Service Oriented Architecture (SOA) Angular 11, PCF** for developing Web services using **SOAP (Simple object Access Protocol).**
* Written WSDL files for XML Http Request, Lambda and XML Http Response in **SOAP**. Utilized **JAX-WS** API, GCP, Kotlin in developing Web services client and server application model.
* Experience in implementing Object Oriented **Python3.6.0**, **Java 11, Kotlin** Hash Tables (Dictionaries) and Multithreading, Django, MYSQL, Exception Handling and Collections.
* Created a responsive web offer wall so that it could be integrated with any iOS/Android app via a web view, project was created with **Google Cloud, GCP** and PHP.
* Strong Working experience in **Agile Scrum, Waterfall, Lambda and Test-driven Development Angular 11, Kotlin** methodologies working experience in **Azure** Logic apps, Service Bus, Document DB and SQL Database and Data warehouse.
* Deploying the spring boot micro services to **Pivotal Cloud Foundry** (PCF) using build pack and Jenkins for continuous integration spring Core Annotations for Dependency Injection Spring DI and Spring MVC for **REST** and Spring Boot for Micro Services.
* Publishing **REST API’s, Kotlin** using **Apache CXF3.1.9, Angular 11, GCP** framework in combination with Apache **ActiveMQ** in Service oriented architecture. CFX provides Asynchronous support for request/response binding.
* Knowledge in **Micro Services** deployment fault tolerance library) **and Zuul, PCF** (gate way for routing, monitoring, security) with **Eureka** service registry. patterns like multiple service instances per host, service instance per host, service instance per VM, and service instance for container.
* Involve in deployment of web-based applications using different Web application servers such as **JBOSS, Apache Tomcat, Web Sphere and Web Logic**. PCF, worked in messaging technologies like **JMS** (Point-to-Point), **Kafka (Publish & subscribe), Lambda, MQ series.** Implemented **Java Mail APIs, Java 11** to send e-mails.
* Implementing in database transaction operations using **Hibernate ORM, Angular 11, Kotlin** framework. Configured Hibernate configuration file and Mapping files. Implemented one-one, one-many, many-one, many-many mappings.
* Good work experience on **RDBMS** like **Oracle** and **MySQL**. Performed CRUD operations using SQL statements like Data Definition language, Transaction control, Session Control, System control, Data Manipulation language & Sub queries.
* Experience in working with NoSQL database like **Mongo DB, PCF, Cassandra, Java 11** for handling huge amount of data. Involved in Handled Database access operations**.** Implemented **AWS** Solutions using **EC2**, Elastic Load Balancer and worked on **AWS Toolkit** to develop, deploy and debug Web applications.
* Handling on experience in **Continuous Integration/Continuous delivery (CI/CD), Angular 11, GCP** tool **Jenkins** for deploying applications to **AWS** and on-premise servers. Experience with containerization technologies, including **Docker, Kubernetes, Lambda** or **Rancher.** Well versed with **OpenStack** based cloud infrastructure
* Experience in developing the project by value-driven, **Angular 11, GCP, Kotlin** and plan-driven environments using Core **Java** concepts which includes Object-oriented designs, Collections, Exception Handling, Multithreading, Functional Interfaces and stream API.
* Working on Build tools such as **Apache Maven 3.0, GCP, Gradle**, PCF, **Apache ANT, Java 11** utilized **Log4J** Framework for logging services to address log-back issues, supporting JSON, xml property configurations.

**TECHNICAL SKILLS:**

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| **Programming Languages** | C, C++, Java 11/8/7, J2EE, Python3.6.0, SQL server2012/2014, PL/SQL. |
| **Web Technologies** | HTML5, CSS3, JavaScript, j Query, AJAX, Angular 11, Angular JS, Node JS, Bootstrap, React JS, JSON. |
| **Databases** | Oracle 9i/10g/11g/12c, SQL Server, MySQL, Mongo DB. |
| **J2EE Technologies** | Servlets, Struts, EJB 2.0, JSF, JDBC, JSTL, JNDI, JMS, RMI, Java Bean, JTA. |
| **Web Services** | JAX-WS (SOAP), JAX-RS (REST, REST API), WSDL. |
| **Application Frameworks** | Struts 1.x/2.x, Spring 4/5, Spring MVC, Spring Security, Spring Boot, Spring ORM. |
| **ORM Framework** | Hibernate, JPA, DAO, Spring JPA. |
| **XML** | XML, DTD, XSL, XSLT, XHTML, XML Schema and DOM Parsers. |
| **AWS** | EC2, RDS, S3, ELB. |
| **Web/Application Servers** | Apache Tomcat 6.0, Kafka, IBM Web Sphere 8, Oracle Web Logic, J Boss 4.0. |
| **Version Control** | IBM Clear Case 7.0, 7.1, SVN, CVS, Git. |
| **IDE** | Eclipse, My Eclipse, Edit Plus, Net Beans 7.0, Visual Studios. |
| **UML tools/ Build tools** | Apache ANT, Maven, Jenkins, Docker, Kubernetes, Azure, CI/CD, J Unit, Jira, PCF, Google cloud, Dream viewer, Rational Rose, UML, Selenium. |
| **Design Methodologies** | Agile, Scrum, UML, J2EE Design Patterns. |

**PROFESSIONAL EXPERIENCE:**

**Toyota, Plano, TX Jul 2021 – Present**

**Full Stack Java Developer**

**Description:** Toyota fully scalable data platform utilizing Artificial Intelligence technology to enable higher quality data, drive down administrative burden and improve financial performance. Revolutionizing the way information is shared throughout the ecosystem; vastly improves data exchange and transforms the flow of information. locates, acquires, digitizes and manages complete medical data.

**Responsibilities:**

* Carrying out responsibility of delivering the tasks including database scripts, source code and any other documents as and when required through **GitHub**.
* Using **REST API**, **HTTP** requests and implemented **JSON, Kotlin** format for data exchange for communication of micro services with one another.
* Expertise in **spring** framework extensively used **Spring5.0, Spring Batch, Angular 11, GCP Spring AOP, Spring JDBC templates, Multi-threading** and in working with **SOAP** &**REST Web Services**.
* Implementing Swagger Configuration in **Spring MVC** for auto generating swagger JSON files for RESTAPI calls web services (**WSDL**) and effectively worked with **SOAP, PCF** and **XML**, and **XSLT**.
* Implementing the user interface using the**, JSP, AJAX, Java 11, Angular7.0, HTML5, CSS, Angular 11** and **Bootstrap** extensively used **Hibernate** concepts such as inheritance, lazy loading, dirty checking, locking and transactions.
* Using **Micro service** architecture, with **Spring Boot, Lambda** based services interacting through a combination of REST, **Apache Kafka** message brokers and leveraging **AWS, Angular 11, GCP** to build, test and deploy Identity micro services.
* Implementing **AWS** solutions using **EC2, S3, RDS, EBS**, **Java 11,** Elastic Load Balancer, Auto-scaling groups and used **AWSSDK** to connect with Amazon SQS for bulk email processing.
* Design, develop and test HTML, CSS, j Query and that meets accessibility of web browser Implemented MEAN stack architecture using next generation technologies **Angular JS**, Express, **Node JS, Angular 11** and **Mongo DB**.
* Using **Hibernate** as **ORM** tool in data access layer for updating information in the database and Spring Framework to support the Hibernate tool.
* Working on Docker and **Kubernetes, Angular 11, Kotlin** on cloud providers, from helping developers build and containerize their application (**CI/CD**) to deploying either on public or private cloud
* Extensively Used Jenkins as Continuous Integration tool to deploy Spring Boot Micro services to **Pivotal Cloud Foundry** (PCF) using build pack
* Developing **J2EE** Micro-services using **Spring Boot, Lambda** interacting with **Mongo DB, GCP** back end implemented fail safe and circuit breaker patterns in **Spring Boot** Micro service applications using HYSTRIX.
* Involving in self and peer-to-peer review, creating and updating technical and functional documents in building **MVC** Frameworks and experience in **SOA** by creating web services with **SOAP**, WSDL.
* Using **Grafana** as a monitoring tool for Spring Boot and **Adobe Analytics** for **React JS** on Job scheduling, batch-job scheduling and process control, forking and cloning of jobs and checking the status of the jobs using **Shell Scripting.**
* Strong experience with **Mongo DB, Angular 11** development (reports, schema design, map reduce functions) and migrations from **SQL** relational databases to **No SQL Java 11, Kotlin, GCP, Lambda** databases like **Mongo DB.**
* Participating with team members in Grooming, Planning, Tasking, Sprint Reviews, and Retrospective Sessions involved in enhancing the developed modules on different browsers, to carry out the task of coding, bug fixing, testing and documentation.
* Unit Test the implemented changes as per test cases, debug the implemented code, GCP integrate the changes in Testing Environment, fix reported bugs of already implemented changes Cooperate with team members during concurrent developments.

**Environment:** Java 11, J2EE, Hibernate, JPA, Spring5.0, Spring MVC, Spring Boot, Angular JS, Angular7.0, SOAP, REST, REST API, Micro services, AWS, Mongo DB, PCF, Kubernetes, React JS, J unit, HTML 5, CSS 3, JavaScript, Jenkins, Kafka, Node JS, j Query, J Boss, Linux, CI/CD, JIRA, Eclipse, AJAX, JSON, JSF.

**Hyundai Capital America, Irvine, CA Jan 2020 – Jun 2021**

**Java / J2EE Developer**

**Description:** Hyundai Capital America provides financial products tailored to meet the needs of dealerships nationwide, including dealer inventory and facility financing through these dealerships, we provide indirect vehicle financing and leasing solutions offers vehicle service contracts and other vehicle protection products under the Hyundai Protection Plan, Genesis Protection Plan and Power Protect brands all committed to being a value-adding partner for our customers and supporting them with industry-leading customer service.

**Responsibilities:**

* Involved in designing and implementing the application using various **Java and J2EE** Design patterns design patterns such as Singleton, Business Delegate, Façade, MVC and Data Access Object (DAO).
* Designed and implementing scalable, **REST**and **micro services**- based mobile back-end. The back-end is being written in Java using **Spring Boot, GCP** for simplicity and scalability.
* Extensively used **Google Cloud** resources like Compute Engine, IAM, Google Container Registry, Container Builder and Cloud Storage buckets**.**
* Used **Pivotal Cloud Foundry, GCP, Lambda** to quickly build, deploy & update the application worked on Pivotal Cloud Foundry to host Cloud based Applications**.**
* Used **Hibernate Framework** for object relational mapping and persistence d**eveloped effective web pages using HTML, CSS, JavaScript, ReactJS, GCP, NodeJS and Bootstrap.**
* Used **Docker** for setting **Azure** Container Registry with Docker and Docker-compose, actively involved in deployments on Docker using Kubernetes
* Developed Application to **JSON** and **XML** from **Restful** web service from consumer side using **Angular JS** configured Hibernate session factory to integrate with **Spring4 PCF** and generation of database schema.
* Responsibilities as a **XSLT** web developer include design and develop the websites with the java and **XSLT** with Tag Libraries in Struts framework.
* Developed **SOAP, Micro Services** which are like API's used for Home Automation they also keep the data in synchronization between two database services.
* Developed **CI/CD** system with Jenkins on **Docker** container environment utilizing **Kubernetes created Single Page Application (SPA) which can data bind and synchronize with Angular6 framework.**
* Involved in development using struts components - **Struts-config.xml, tiles,** form-beans and plug-ins in Struts on **Bootstrapping** technology for the best user Presence. Extensively used the **JavaScript and jQuery** plug-in to fetch and display the data on web pages and create interactive features in the application.
* Used multiple Action Controllers to control the page flow, Interceptors for client validations **Spring Interceptors** to validate web service requests and to enable notifications.
* Developed **REST API** using Spring **MVC** and **REST Controllers** and generated **JSON**/**XML** formats **OOPS** design and core Java concepts such as Collections, Multithreading, Exception Handling.
* Developed unit test cases using **Junit, PCF** and used **Log4J** for logging and debugging **MySQL** as backend database and involved in development of Stored Procedures.
* Used **SVN** as a version control to track and maintain the different version of the project **Maven** scripts to build and deploy the application.
* Experience in defect resolutions and configuration management change processes0 to support applications in PROD and integration testing environments.

**Environment:** Java 8, J2EE, Spring 4.x, Spring MVC, Spring Boot, Hibernate, XML, XSL, Micro services, AngularJS, Angular6, SOAP, REST, REST API, Google Cloud, Kubernetes, Azure, Bootstrap, JavaScript, HTML, CSS, Ajax, Tomcat 8.0, JPA, Git, Groovy, JMS, SoapUI, TestNG, JSON, Ant, Log4j.

**Southwest Airlines, Dallas, TX Aug 2018 – Dec 2019**

**Java Developer**

**Description:** Southwest Airlines we connect People to important in their lives that also means connecting our Employees value the opportunity to be creative, The Revenue Management System is an application suite with the core functionality of optimizing the revenue by optimizing the inventory in multiple GDS’s. The suite is flexible to handle products from multiple vendors.

**Responsibilities:**

* Involved in all phases of the Software development life cycle (**SDLC**) using Agile Methodology in writing Spring **MVC**, Configuration **XML** file that contains declarations and another dependent object declaration.
* Worked on developing **Micro services** in various modules of an application and used **SOAP** and **POSTMAN** to test them.
* Developed **REST** web services using **spring MVC** and then consumed the web services in Angular unit and integration tests for existing **Micro services** using **J unit.**
* Created shell scripts and updated the scripts as per the requirement **SOAP** Template to access **Spring** **Boot** with **JPA** Repository and **Hibernate** annotations for handling ORM CRUD operations.
* Used **Hibernate**, object/relational-mapping (**ORM**) solution, technique of mapping data representation from MVC model to Oracle Relational data model with SQL-based **schema**.
* Used **Maven** for dependency management and build purposes and **Jenkins** for continuous builds and deployments. Developed **REST API** web services using **spring** and then consumed the web services in Angular.
* Involved on developing single page application with **Angular JS** version framework to bind HTML (views) to **JavaScript** objects (models).
* Used **Apache Tomcat** as application server to deploy **WAR** files **Log4J** for logging and tracing the messages configured queries in **SPLUNK** to create views and track the log files.
* Used **GIT** Repository able to configure and initialize repository to pull and push source code, begin and stop tracking files also stage and commit changes.
* Involved in day to day handling of JIRA issues (production issues at time) that involved data inconsistencies that required to be solved in very less time Worked with **IntelliJ** and used **Gradle** build tool to achieve more functionality for build process.
* Implemented **Restful** web services using **JAX-RS** annotations, **Jersey** as provider and implemented security using **OAuth.**

**Environment:** Java 7, J2EE, Spring, Spring MVC, Spring Boot, Hibernate, Angular JS, SOAP, REST, REST API, JavaScript, J Query, Micro Services, Pl/Sql, JDBC, Eclipse, CVS, J Unit, Bootstrap, Agile, UML, JSP, JSTL, Servlets, Maven, CSS, JSON, ILOG, JQuery.

**Byte Alpha Solutions, India Jan 2013 – Nov 2017**

**Software Developer**

**Description:** Byte Alpha Solutions Thales Group is a French multinational company that designs and builds electrical systems and provides services for the aerospace, defense, transportation and security markets-based company that provides end-to-end Data Driven Solutions across a wide array of industries. We combine Data Science and Machine Learning with a deep understanding of business needs in order to provide our clients with extensive and actionable insights. From Big Data architecture to real-time performance tracking and visualization, does it all - empowering your business to take control and capitalize on your data.

**Responsibilities:**

* Designed and Development of the **Object-Oriented applications** using **OOA** and **OOD** techniques in all Business Areas using **Rational Rose.**
* Gained substantial knowledge about the concepts, design advantages, traps and pitfalls of successful object-relational mapping.
* Used **Spring MVC** framework and **spring** in developing and scheduling **Cron** Job in MC batch application modules on bug fixing and Production Support.
* Worked on **REST** Web Services for transferring **XML** data between two interfaces created **SOAP** based web services by establishing links using HATEOAS from Spring based application
* Used **Spring** and **Hibernate** for implementing **IOC** and **Object Relational Mapping** for back end tiers developed class diagrams, sequence diagrams and object diagrams using **UML** methodology.
* Wrote Client-side validation scripts using **JavaScript** Implemented client-side Interface using designed and developed sub system using **Java Servlets, JSP, J2EE Entity beans** and **Session Beans.**
* Designed and developed web pages using **HTML and JSP** and alsoused **REST API**, **HTTP** requests and implemented **JSON** format for data exchange for communication of with one another.
* Stored data in **Oracle database** and accessed using Oracle **JDBC** drivers **Eclipse** as **IDE** to create, test and deploy **EJB** components.
* Designed and developed Oracle stored procedures, functions, triggers and **PL/SQL** modules and Imported Client data into the database from **XML** file by using the **XML** Parser.

**Environmen­­­­­­­t:** Java, J2EE, JSP, Servlets, spring, Spring MVC, Hibernate, SOAP, REST, REST API, PL/SQL, JBoss Application Server, Clear Case, Junit, Log4j, Eclipse IDE, Rational Rose.

**EDUCATION:**

* Master’s in Computer Science from University of Texas at Arlington, USA - 2020