**RISHABH MEWAR**

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**CAREER OBJECTIVE**

Dedicated and disciplined professional seeking the position of Software Engineer within IT arena to contribute to the company’s growth and in turn ensuring personal growth within the organization.

**PROFESSIONAL SUMMARY**

* Experience of 2+ years in Web applications using Angular 2+, Backend development using Java and Data migration.
* Currently associated with Capgemini Technologies Service India Limited, Bangalore as a Senior Software Engineer.
* Analyzed product/business requirements and Developing, Debugging and Testing applications.
* Good exposure to Agile Methodology of Test Driven software development.
* Provide enhancement support to the client during SIT and UAT phase of the project.

**SKILLS SET**

* **Database, Language & Scripting Technologies:** 
  1. **Databases:** Oracle & Mongo DB.
  2. **Concepts/Languages:** SQL, PL/SQL & NoSQL.
  3. **Schema Design:** ER Modelling, Normalization & Analytics Functions.
  4. **Linux Shell:** System administration, Bash and User & Group Management.
  5. **Windows PowerShell:** Functions, Modules, Patterns, Debugging, Testing and working with CSV & XML data.
* **Backend Architecture Technologies:** 
  1. **Programming Languages:** Core Java & JavaScript.
  2. **Programming Principles:** SOLID, UML, Domain Driven Micro Services and Data Structures & Algorithms.
  3. **Design Patterns**: Abstract Factory, Bridge, Composite, Decorator, Facade, Interpreter, Observer, Strategy & Visitor.
  4. **System Design**: Workflow, OO design, Messaging, Networking, Scaling, Lambda architecture & Building blocks.
  5. **Application Architecture:** J2EE, Spring Boot, Spring AOP, Spring JPA, Spring Security, Spring Cloud & NodeJS.
  6. **Containers & IDEs:** Docker & Kubernetes and STS, IntelliJ, Eclipse & Visual Studio Code.
  7. **Servers & Build Tools:** ExpressJS, Tomcat &Wild Fly and Maven.
  8. **Testing & API Development Tool:** Postman, Junit5 & Arquillian and Swagger.
  9. **Version Control & CICD:** GIT and Jenkins.
* **UI Technologies:** 
  1. **Frameworks:** Angular (2+ versions) & ReactJS.
  2. **Libraries:** RxJS, Flux, Redux, BootstrapJS, SASS & LESS.
  3. **Languages:** HTML5, XML, JSON, CSS3, JavaScript & TypeScript.
  4. **Build Tools:** NPM, Web-Pack & Angular CLI
  5. **Version Control & IDEs:** GIT and Visual Studio Code
  6. **Testing:** Jest, Jasmine, Karma & Enzyme.
  7. **Security:** Open ID Connect Auth2 & JSON Web Token.

**EXPERIENCE**

**Capgemini Technology Services India Limited, Bangalore Nov’17-Present**

**Senior Software Engineer**

1. **SUPPORT Application Project**

Support a legacy application of GE Aviation.

**Responsibilities:**

* Analyze Business requirements and perform Database & Java Enhancements.
* Implement SQL DDL, DQL, DML, DCL, TCL commands, Operators, Functions, Triggers & Injection.
* Implement Materialized Views and PL/SQL procedures according to the Modules (Business Domain).
* Perform ER Modelling, Normalization to Relational Model & Analytics Functions on Data.
* Perform Linux Shell Scripting with Bash for System administration and User & Group Management.
* Work with Functions, Modules, Patterns, Debugging, Testing using Windows PowerShell Scripting
* Create a Scheduled Chain of Jobs (PL/SQL procedures) that Migrate Data among the Applications.
* Work in MongoDB Administration, Reporting, Change Streams & Mongoose.
* Implement Java Enhancements🡪Build PDF, Email & Excel functionalities and Add new Components.
* Understand & Implement Modifications (CDI, Bean validation & Persistence) in J2EE application architecture.

1. **MATERIALS Project**

A supply chain application aims to generate P.O. (Purchase Order) for clients.

**Responsibilities:**

* Architectural (Design), Technical (Test Cases) & Functional (Deployment) understanding of the Interfacing Modules.
* Understand & Implement Collections, Generics, Multithreading, Concurrency, Synchronization, Design Patterns, SOLID coding methodology using JAVA.
* Implement RESTful Domain Driven Design Micro-Services (Learn Architectural Design Patterns).
* Build Application’s Micro services using Spring Boot/Spring Architecture with Maven Architype.
* Contain, Monitor, Manage Load Balancing & Networking Data Stateful Applications using Docker.
* Creating, Finding, Configuring, Mapping Services using Circuit-breaker, Client side load balancing & Routing.
* Use Swagger to build APIs contract.
* Perform Junit5 testing and Integration testing using Arquillian.
* Integrated Spring Security with OAuth2, client-side SPA, machine to machine authorization & delegating authentication to an authorization server.
* Used POSTMAN to test RESTful APIs for HTTP requests.
* Design the Project Flow in UML.

1. **ECRD Project**

An application aims to generate prices of Repairs. Also, work in client location, GE, Whitefield, Bangalore

**Responsibilities:**

* Implement Angular Components, Services, Content Projection, Directives, Template & Reactive Forms, Routing, Lazy loading and Prefetching the data using Resolvers.
* Implement & Test HTTP requests using RxJS Observable Library & Caching HTTP requests using Interceptors.
* Implemented RxJS Unit Testing with Marble Diagrams & applying Operators to shape the Output Data.
* Implement Angular NgRX (Redux Pattern).
* Integrating the UI with Node.js Restful Web Services.
* Implement Reusable Angular Services Logging & Configuration Management.
* Utilize Karma & NPM to build and perform Unit Tests & Integrated Tests of Angular Components.
* Implement Security Access control using Open ID Connect Auth2 & JSON Web Tokens.
* Worked on CSS Behaviours, SASS and LESS, BootstrapJS, Angular Materials & Prime Ng.

1. **ADDITIVE MANUFACTURING Project**

The build preparation software assists the user in achieving the goal of accurately printing the design engineer’s intent. It’s a concept laser based software for printing 3D parts in aviation sector.

**Responsibilities:**

* Building React Components.
* Implementing React Hooks and Integrating Authentication with React Hooks.
* Securing the Application with Auth0.
* Implement Redux State Management.
* Implement testing with Jest.
* Creating Redux Middleware, Redux Thunk and Loading Data from the server with Redux Saga.
* Implement Client Side React Router 4.
* Working with Asynchronous and Context APIs and Higher Order Components.

**EDUCATION & INTERESTS**

* **B.Tech**, Electronics & Telecommunication Engineering with **CGPA:** **2.84/4.00** **May’13-May’17**

**MPSTME, NMIMS**, Mumbai

* Senior Secondary School, Modern School, Rishikesh with score: **78%** **May’12**
* High School, Modern School, Rishikesh with score: **82%** **May’10**
* Read Articles/Theories (CFA) in Finance.