**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 Technologies:** 
  1. **Databases:** Oracle & Mongo DB.
  2. **Languages:** SQL, PL/SQL & NoSQL.
  3. **Schema Design:** ER Modelling, Normalization & Analytics Functions.
* **Scripting Technologies:**
  1. **Linux Shell:** System administration, Bash, User & Group Management.
  2. **Windows PowerShell:** Functions, Modules, Patterns, Debugging, Testing & working with CSV & XML data.
* **Backend Architecture Technologies:** 
  1. **Programming Languages:** Core Java & JavaScript.
  2. **Programming Principles:** System design, SOLID, Design Patterns, UML, Domain driven micro services and DS & Algorithms.
  3. **Architecture:** J2EE, Spring Boot, Spring JPA, Spring Security, Spring Cloud & NodeJS.
  4. **Containers & IDEs:** Docker & Kubernetes and STS, IntelliJ, Eclipse & Visual Studio Code.
  5. **Servers & Build Tools:** ExpressJS, Tomcat &Wild Fly and Maven.
  6. **Testing:** Junit5 & Arquillian.
* **UI Technologies:** 
  1. **Frameworks:** Angular (2+ versions) & ReactJS.
  2. **Libraries:** BootstrapJS, SASS, LESS, OOCSS, RxJS, Flux & Redux.
  3. **Languages:** HTML5, XML, JSON, CSS3, JavaScript & TypeScript.
  4. **Build Tools & Version Control & IDEs:** NPM, Web-Pack & Angular CLI and GIT and Visual Studio Code
  5. **Testing:** Jasmine, Karma & Enzyme.
  6. **Security:** Open ID Connect Auth2 & JSON Web Token.
* **AWS Cloud Technologies:** 
  1. **Storage:** Elastic Book Store, Elastic File System, S3 storage, EC2 storage, Managing Storage gateway.
  2. **Databases:** DynamoDB, Administering Aurora on RDS, Data warehousing with Redshift, Managing Graph database with Neptune, Connecting & Deploying Elastic Cache.
  3. **Big Data:** Serverless analytics, developing stream processing applications with Kinesis, Analyzing data with Elastic MapReduce.
  4. **Scalability:** EC2 Auto Scaling, Load Balancing & Auto Scaling resources.
  5. **Development:** Designing, Developing, Deployment, Security & Server less Architecture.
  6. **DevOps:** Continuous Delivery & Automation, Monitoring, Logging & Security and Availability & Elasticity.
  7. **Operations:** CLI & Testing and Designing & Deploying Infrastructure.
  8. **Compute:** Managing EC2 Instances & Docker Container with GUI.

**EDUCATION & INTERESTS**

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

**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:**

* Analyzed the business requirements and perform database enhancements by applying DDL, DQL, DML, DCL commands.
* Implemented Materialized Views and PL/SQL procedures according to the Modules (Business Domain).
* Created a Scheduled Chain of Jobs (PL/SQL procedures) that Migrate data among the Applications.
* Implemented Enhancements, build & generate PDF, Email & Excel functionalities & Add new business component.

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.
* Learn & Implement Collections, Generics, Multithreading, Synchronization, Design Patterns, Memory Management, Junit Testing, Functional and Reactive programming, SOLID coding methodology using JAVA.
* Implement RESTful Domain Driven Design Micro-Services (Learn Architectural Design Patterns).
* Contain, Monitor, Manage Load Balancing & Networking Data Stateful Applications using Docker.
* Creating, Finding, Configuring, Mapping, Calling Services using Circuit-breaker, Client side load Balancing & Routing.
* 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 and Reactive Forms, Routing, Lazy loading & Prefetching 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 & 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, Bootstrap, Angular Materials & Prime Ng.
* Implement better Data Visualization by creating interactive charts from charts.js.

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.