

## **RISHABH MEWAR**

+91-7768086761 | rishabh.mewar.academic@gmail.com | <https://www.linkedin.com/in/rishabh-mewar-4646969a>

### **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 & WildFly and Maven.
  8. **Testing & API Development Tool:** Postman, JUnit5 & Arquillian and Swagger.
  9. **Version Control & CI/CD:** 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  
Senior Software Engineer

Nov'17-Present

#### 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.

## 2) **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.

## 3) **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.

## 4) **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.