

# Umapathy G *Java FullStack Developer*

📍 Chennai, Tamil Nadu

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🌐 <https://github.com/Umapathy-G>

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## Career Objective

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As a highly motivated and detail-oriented software engineer, my objective is to contribute my expertise in software development to a dynamic team, where I can leverage my strong analytical and problem-solving skills. I aim to continuously enhance my proficiency in Java technologies while collaborating with talented professionals to create innovative and efficient solutions. My goal is to play a key role in the design, development, and implementation of cutting-edge software applications, contributing to the success and growth of the organization.

## Professional Experience

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**Rockwell Automation India Pvt. Ltd**

2023 Feb – 2023 May | Chennai

*Associate Software Engineer*

**MESTECH - A Rockwell Automation Company**

2022 Apr – 2023 Jan | Chennai

*Associate Software Engineer*

## Professional Summary

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- Focused & dedicated professional with 1.1 year of experience in IT industry, specializing in Java and J2EE technologies, with a focus on web application development and database management.
- Having good exposure in Analysis, Design, Development, Research and Implementation of software applications.
- Good experience in developing web applications using JAVA / J2EE technologies like Java, Spring Boot, Spring MVC, Hibernate, Spring Data JPA, Restful Services, Design Patterns and Microservices.
- Experience in developing rich and responsive User Interface using React JS, Angular, TypeScript, HTML, CSS, JavaScript and Bootstrap.
- Good in developing the REST APIs using three-layered architecture to perform business operations.
- Excellent in setting up the Microservices architecture of REST APIs for secured access.
- Good in Data Structures and Algorithms for better optimization of memory and time in business solutions.
- Good in implementing the securities of the REST APIs using Spring Security and JWT token authentication.
- Experience with software development processes & models like Agile, Waterfall and spiral methodologies.
- Having good work experience in developing both Monolithic and Microservices based applications.
- Having good experience in Apache Kafka for processing stream of data.
- Experience in working with batches to perform business operations in bulk mode.
- Extensive experience in working with AWS RDS, Microsoft SQL server, MySQL and H2 databases.
- Excellent analytical and programming abilities in using technology to create flexible and maintainable solutions for complex development problems..
- Having good experience in using Jenkins for creating CI & CD pipelines, Git & GitHub for source code management, MAVEN for building the project, Docker for containerization and Kubernetes for orchestration.
- Experience in deploying web applications in Production Server using Jenkins CICD pipeline.
- Having good experience in using JIRA tool for Project Management.
- Having good experience in code review using Sonar Qube.
- Having good experience with performance testing using JMeter.
- Good knowledge in AWS cloud services like EC2, RDS, S3, Route53, VPC, EKS.
- Excellent team player and ability to adapt to changes quickly and efficiently.

## Education

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**B.E in Electronics and Instrumentation**

2015 – 2019 | Chennai

*Valliammai Engineering College*

## Technical Skills

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- **Frontend Technologies:** HTML, CSS, JavaScript, Bootstrap, TypeScript, Angular, React JS.
- **Backend Technology:** Java.
- **Java Frameworks:** Spring Framework, Spring Boot, Hibernate, Spring Data JPA, JUnit.
- **Architectures:** Microservices, Three-layer architecture.
- **Databases:** MySQL, Microsoft SQL and H2 database.
- **DevOps Tools:** GitHub, MAVEN, Sonar, NEXUS, Tomcat, Docker, Kubernetes, Jenkins.
- **AWS Services:** EC2, S3, RDS, IAM, VPC, Route 53, EKS.
- **Operating System:** Windows and LINUX.

## Project Details

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### **Project #1: In-Bound Management System (IBMS)**

**Environment:** Java, Spring Boot, Microservices, Spring Data JPA, JUnit, Angular, TypeScript, HTML, CSS, JavaScript, Bootstrap, JMeter, Jenkins, Git & GitHub, MAVEN, SonarQube, NEXUS, Docker and Kubernetes, AWS cloud services like EC2, S3, EKS.

**Industry:** Production

**Role:** Team Member

### **Description**

The objective of the IBMS is to track the vendor vehicles from vendor location to the client location and also the goods it carries. Everyday, lots of vehicle enter into the organizations to supply the ordered materials. To keep track the vehicles entering into the organization and to track the vehicles location. Inbound Management System is developed to make it easier.

### **Responsibilities**

- Involved in gathering the requirements, analysis, design & development of the project.
- Preparing a detailed analysis for development for the requirement.
- Designing the database tables that are required for the development.
- Developed component classes using MVC patterns and created server controls using controller classes.
- Writing the JUnit test cases to check whether the developed REST API are working as expected or not.
- Performing code review using Sonar Qube to check efficiency of the unit testing.
- Developing front end of the application using Angular, HTML, CSS, TypeScript and Bootstrap.
- Integration of Angular application with Spring Boot application.
- Pushing the developed code into the GitHub Repository.
- Involved in creating CICD pipeline using Jenkins and in performance tuning using JMeter.
- Responsible to participate in the production release.

## Declaration

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I hereby declare that all of the details furnished above are true on the best of my knowledge and belief



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**Umapathy G**