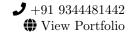
# Mukesh Murugavel

# Entry-Level Java Full-Stack Developer

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# **Professional Summary**

A motivated Java Full Stack Developer with hands-on experience in Spring Boot, React.js, and RESTful APIs, seeking to leverage my technical skills in a dynamic organization. Passionate about building scalable web applications, optimizing performance, and implementing clean, maintainable code. Eager to contribute to innovative projects while expanding my expertise in cloud technologies and microservices architecture.

#### Technical Skills

**Backend:** Java 8+, Spring Boot, Hibernate, REST APIs **Frontend:** HTML5, CSS3, JavaScript, Thymeleaf, React

Databases: MySQL, MongoDB

DevOps: Docker, Git, Maven, Postman Auth: JWT, Role-Based Access Control

## Soft Skills

• Analytical Problem Solving

• Agile Development

- $\bullet\,$  Team Leadership
- Time Management
- Continuous Learning
- Code Review Practices

## Education

#### **B.Tech in Information Technology**

Annai College of Engineering and Technology, Kumbakonam

Higher Secondary (XII) SMH Higher Secondary School

Secondary (X)

Percentage: 48.5% 2017-2018Percentage: 81%

CGPA: 7.2/10.0

2020 - 2024

2019 - 2020

## **Projects**

MV High School

### Patient Medicine and Appointment System

Spring Boot, Thymeleaf, MySQL

Built a full-stack web app to manage patients, appointments, and medications. Designed REST APIs for CRUD operations using Spring Boot and JPA. Created responsive UI with Thymeleaf and Bootstrap. Managed relational data in MySQL (Patient Appointments Medications).

## Employee Management System

Spring Boot, MySQL

Developed a full-stack application with role-based access control (Admin, Manager, Employee), reducing manual HR workflows by 60%. Implemented JWT authentication and optimized MySQL queries, improving response time by 35%. Integrated React frontend for dynamic UI, enhancing user experience.

#### Online Bus Booking System

Microservices, MongoDB

Designed distributed architecture with 3 microservices (Booking, Payment, Notification). Implemented real-time seat availability using MongoDB transactions. Reduced booking failures by 40% through optimistic locking. Integrated Razorpay API for secure payments with 99.8% success rate. Deployed using Docker containers with load balancing.

#### Certifications

Java Full Stack Developer Certification GUVI (2025) Frontend Development Bootcamp Udemy (2024)

## Achievements

• Ranked in top 15% at HACKENGERS coding competition among 200+ participants

## Languages

Tamil: Native Proficiency

English: Professional Working Proficiency