

# Mayuri Kapte

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## PROFILE

Java Developer with **3 years** of experience building scalable applications using Java, Spring Boot, and RESTful APIs in agile environments. Skilled in MySQL, OOD, and Data Structures and Algorithms, with a focus on clean, maintainable code following SOLID principles. Experienced in CI/CD pipelines, database optimization, and effective documentation to enhance delivery and team efficiency.

## EDUCATION

### SAVITRIBAI PHULE PUNE UNIVERSITY

B.E. IN ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING

May 2020 | Pune, MH  
Passed with First Class

### NATIONAL INSTITUTE OF ELECTRONICS & IT

DIPLOMA  
2014 - 2017 | Aurangabad, MH  
CGPA : 7.38/10

### SHRI DESHIKENDRA VIDYALAYA

XTH, BOARD : SSC  
2013 - 2014 | Latur, MH  
Percentage : 83.60 %

## TECHNICAL SKILLS

### PROGRAMMING

Core Java • MySQL  
Python • C • C++ • MongoDB

### WEB TECHNOLOGIES:

RESTful Services • JSON

### SOFTWARE DESIGN:

Schema Design  
• Data Structures and Algorithms

### PRINCIPLES

SOLID Principles • Clean Coding  
• Code Optimization

## TOOLS

### SOFTWARES

Intellij • Maven • Jenkins • Git  
JIRA • Kafka • Gradle • Github  
VS Code • Eclipse • Kubernetes

## WORK EXPERIENCE

### TATA CONSULTANCY SERVICES | SYSTEM ENGINEER

Dec 2021 - July 2024 | Pune, India

Project: Mitsubishi Motors

- Developed robust Java/Spring Boot applications to test and validate key electric vehicle features for Mitsubishi Motors.
- Designed and implemented efficient RESTful APIs to trigger preconditions and generate automated reports for feature testing.
- Created optimized search algorithms and improved code efficiency for a vehicle parts search system.
- Optimized MySQL and ELK queries, ensured data integrity, and applied schema design principles to manage and log vehicle parts data effectively.
- Applied SOLID principles and clean coding practices to ensure codebase readability, maintainability, and extensibility.

**Technologies used:** Java, SpringBoot, REST API, GIT, MySQL, Microservices, Python

### ELYSIAN CORPTECH | JAVA BACKEND DEVELOPER

June 2021 - Nov 2021 | Pune, India

- Integrated MongoDB using Spring Data MongoDB to enable seamless NoSQL data access.
- Developed robust RESTful APIs with Spring Boot to support product search, order placement, and inventory management.
- Implemented input validation and exception handling to ensure robust and fault-tolerant APIs.

**Technologies used:** Java, SpringBoot, REST API, GIT, MongoDB

## PERSONAL PROJECTS

### E-COMMERCE MICROSERVICES BASED APPLICATION

- Designed and developed a microservices-based architecture including Product, User (OAuth-secured), Payment, and Email services.
- Implemented asynchronous communication using Kafka for email notifications.
- Utilized API Gateway and Eureka Discovery Server for centralized routing and service discovery.
- Managed MySQL schema versioning and migrations using Flyway for consistent database management.

**Technologies used:** Java, Spring Boot, Spring Security, OAuth, MySQL, Flyway, Third-Party API Integration, kafka, Spring Cloud, Stripe

## ACHIEVEMENTS

- Received "Technical Excellence Award" for optimizing performance, improving API response time by 30%.