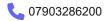
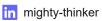
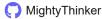
# **Pratyush Kumar**

pratyush1002@gmail.com









#### **PROFESSIONAL SUMMARY**

**Full Stack Java Developer** with **3 years of experience** delivering end-to-end web applications using ReactJS, Spring Boot, and MySQL/MongoDB. Improved API efficiency by 30%, integrated responsive UIs, and built reusable microservices with Kafka-based centralized logging. Experienced with AWS (Lambda, DynamoDB, CloudWatch, Amazon Connect), OAuth2, Redis caching, circuit breaker patterns, and Agile delivery across multi-environment deployments.

#### **WORK EXPERIENCE**

#### Infosys Ltd.

Senior Systems Engineer October 2022 - Present

#### **Project: Unified Communication Solutions**

Tech Stack: Spring Boot, Microservices, Kafka, Redis, MySQL, OAuth2, Eureka, API Gateway

- Designed and enhanced 3 microservices in a patented platform, contributing to **25% reduction in service downtime** and faster issue diagnosis through Kafka-based centralized logging.
- Developed a reusable auditing service used across modules, reducing duplicate logging effort by ~40%.
- Optimized RESTful APIs and database access, improving API response times by up to 30% and enhancing throughput under high load.
- Achieved 80%+ unit test coverage, increasing deployment confidence and catching critical defects early in CI/CD cycles.

#### **Project: Smart Room Booking System**

Tech Stack: Spring Boot, MongoDB, ReactJS, Material UI

- · Built efficient RESTful APIs and booking workflows that supported a 20% increase in concurrent user handling.
- Integrated visual analytics via graph APIs and MongoDB queries, improving room utilization visibility for management.
- Contributed to both frontend and backend features, accelerating cross-functional deliverables by 15–20%.
- Implemented flat file rolling-based logging, reducing log-related production issues by 35% and simplifying root cause analysis.

#### **SKILLS**

- · Languages: Java, JavaScript, SQL
- Frontend: ReactJS, Material UI, Bootstrap
- · Backend & Frameworks: Spring Boot, Spring Security, Spring Data JPA, RESTful APIs, Microservices Architecture
- Databases: MySQL, MongoDB, Redis, H2
- Messaging & Logging: Apache Kafka, Flat file Rolling Logging
- Authentication & Architecture: OAuth2, API Gateway, Eureka, Load Balancer, Circuit Breaker
- Testing: JUnit, Mockito (80%+ code coverage)
- Cloud & AWS Services: Amazon Connect, AWS Lambda, CloudWatch, DynamoDB, IAM
- Tools: Git, Maven, Postman, Swagger
- IDEs & OS: Eclipse, VS Code, Linux, Windows
- Project Management: Agile Methodology, JIRA

### **PROJECTS**

# **Inventory Management System**

ReactJS (ElectronJS), Spring Boot, H2 Database

- Developed a desktop-based inventory tracking application using ReactJS with ElectronJS for offline compatibility.
- Built backend services in Spring Boot with an embedded H2 database, ensuring quick setup and zero external dependencies.
- Designed responsive UI for item management, stock updates, and basic reporting.
- Optimized for offline-first usage, suitable for small businesses and retail environments without continuous internet access.
- Currently under development with modular code structure to support future enhancements like sync-to-cloud.

# **EDUCATION**

## Nalanda College of Engineering, Chandi

Computer Science and Engineering - 7.91

September 2018 - August 2022

- Developed a strong foundation in programming with C, C++, Java, Python, and core web technologies like HTML, CSS, JavaScript, PHP.
- · Gained early exposure to ReactJS, fostering interest in full stack development.
- Completed academic assignments and mini-projects demonstrating frontend and backend integration skills.