

# Manish



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manish-pandey



manishpandey11

## Education

### Birla Institute Of Technology And Science

ME Computer Science (CGPA: 7.57 / 10.00)

Aug 2022-July 2024

Goa

### Sharda University

B.tech in Computer Science

Aug 2016 -June 2020

Delhi-NCR

- **Relevant Coursework:** Data Structures and Algorithms (java), Operating System, Computer Networks, Cloud Computing, Database Management System
- **Current Location:** Bengaluru, karnataka

## Experience

### SAP Labs

Software Engineer

Feb 2024 – August 2024

Bengaluru, Karnataka

- Developed and maintained high-performance Java applications using Spring boot. .
- Designed and implemented micro-services architecture enhancing application scalability and reliability. Deployed and managed applications on Aws Services , including EC2 Automated deployment processes and managed containerized applications using Docker
- Created interactive dashboards using data visualization tools (Multi Experience Platform(MXP) ) to display key metrics and insights from the tickets data.
- API for Product Feedback Tool: Engineered an SAP MXP API to interface with Jira API endpoints, enhancing data visualization and analytics with a projected 40% increase in reporting efficiency and accuracy.

## Projects

### E-Commerce Platform(Back-End) | Java ,Spring Boot

- \* Build a Micro-services based E-Commerce Platform with support of core functionalities of any E-Commerce Website like Product Catalog, Payment Gateway Integration, Order Service, Notification Service etc. .
- \* Optimized the response time of APIs from 400 ms to 40 to 50 ms by making effective usage of Caching for static data using Redis Cache .
- \* Implemented Event Driven Email Service to allow sending emails at large scale across different services within the Platform.
- \* Implemented powerful sorting, filtering using Elasticsearch to allow for efficient discovery of products.
- \* Tools and Frameworks Used: Spring Boot, Spring Cloud, MySQL, Redis, Razorpay Payment Gateway, JUnit, Kafka.

### Online Food Ordering Website - Web Development | React.js, Java Script, HTML, Tailwind CSS, Jest

- \* Led the development project that replicates the popular food delivery application Swiggy .
- \* This web app is built using React, Parcel as the bundler, Tailwind CSS for styling, Redux Toolkit for state management, and Jest for testing .
- \* It incorporates various advanced React concepts and features to provide an interactive and user-friendly experience .

### Defense Against Black Hole Attack In AODV Protocol - |

- \* Modified the default AODVprotocol in NS2 .
- \* For blackhole to introduce the behaviour of blackhole in the network, for the normal nodes to detect the blackhole nodes and not to communicate through them .
- \* Technological Stack: Network Simulator 2(NS2), C++, Tool Command Language(TCL) .

## Technical Skills

**Languages:** Java 8, Python, Java Script, SQL

**Technologies:** React.js, Selenium, Spring Boot, AWS, Kafka, OOPs, JPA

**Tools:** Git, Docker, CI/CD, Maven, VS code, DataDog , Postman, Power-BI