

GANESH MANE

Java Full Stack Developer | Spring Boot | React

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SUMMARY

Motivated Information Technology student seeking a Java Full Stack Developer internship. Proven ability to build and deploy scalable applications using *Java, Spring Boot, and React*. Combines a strong foundation in *Data Structures and Algorithms* with hands-on experience in Microservices and AWS cloud technologies to develop robust, high-performance software solutions.

EDUCATION

Shri Guru Gobind Singhji Institute of Engineering and Technology

Nanded, Maharashtra

Bachelor of Technology in Information Technology (CGPA: 8.15/10.0)

Sep 2023 – Present

Government Polytechnic Pune

Pune, Maharashtra

Diploma in Computer Engineering (Percentage: 90.33%)

Jan 2021 – May 2023

State Secondary Board

Aurangabad-Division, Maharashtra

SSC (Percentage: 95.60%)

Jan 2019 – Aug 2020

TECHNICAL SKILLS

Languages: Java, Python, C, C++, JavaScript, SQL, HTML/CSS

Frameworks & Libraries: Spring Boot, Spring Framework, React, Node.js, Express.js, Socket.IO

Databases: MySQL, PostgreSQL, Redis, MongoDB

Developer Tools & Platforms: Git, GitHub, Docker, Kafka, Windows, Linux, VS Code, Eclipse, Wireshark, Nmap

Concepts: Operating System, REST APIs, System Design, Data Structures, OOP, Microservices, Algorithms, Computer Networks

PROJECTS

Billing Management System (WEB-APP)

GitHub | Live Demo

Tech Stack: Spring Boot, Spring Security, JWT, JPA, React.js, MySQL, Razorpay

- Designed and implemented a billing application with user/admin roles and JWT-based authentication.
- Implemented **Spring Security** for robust access control and secure endpoint protection.
- Used **JPA** for ORM-based data handling and **Lombok** for reducing boilerplate code.
- Integrated **Razorpay** for secure online payments with real-time invoice generation.
- Added **OTP verification** for both **mobile and email** during user registration to enhance security.
- Developed a **sales analytics dashboard** to visualize product-wise and date-wise revenue trends.
- Managed **100+** billing records and built a responsive **React** UI for seamless user experience.

AI-Powered Real-Time Chat (WEB-APP)

GitHub

Tech Stack: MERN Stack, Google Gemini API, Redis, Socket.IO

- Engineered a full-stack, real-time chat application featuring an AI assistant powered by the **Google Gemini API**.
- Implemented **Socket.IO** for low-latency, bidirectional communication between users in real time.
- Leveraged **Redis** for session caching, reducing message retrieval latency by **40%** and improving scalability.

Hotel Booking System (WEB-APP)

GitHub | Live Demo

Tech Stack: Spring Boot, JPA, React.js, JWT, MySQL, Bootstrap

- Developed a full-stack hotel booking system with role-based access and real-time availability checking.
- Integrated **JWT authentication** and secure user session handling in Spring Boot backend.
- Built dynamic forms and views using **React.js** and styled with **Bootstrap**.
- Used **MySQL** for storing user data, booking history, and hotel details.
- Managed over **200+** hotel records and bookings, ensuring scalability and responsiveness.

EXPERIENCE

C-DAC (Centre for Development of Advanced Computing)

Remote

Cyber Security Intern

Dec 2024 – Feb 2025

- Conducted network vulnerability analysis using **Wireshark**, **Nmap**, and **dnsEnum** to identify security gaps.
- Built a Windows-based IDS using **Snort** to monitor and flag suspicious activity in real time.
- Utilized **Metasploit**, custom keyloggers, and security scanners to simulate attacks and identify vulnerabilities as part of ethical hacking exercises.
- **Certificate:** View Credential

CERTIFICATIONS & WORKSHOPS

- **Wireless Security Bootcamp** – IIT Hyderabad
Topics: WiFi attacks, WPA2 cracking, Aircrack-ng tools, hands-on workshops
- **Java Programming Essentials** – Infosys Springboard
Core Java, OOP concepts, exception handling, file I/O
- **Relational Database Fundamentals** – IBM
SQL queries, schema design, keys, joins, data types, constraints
- **All Certificates and Details:** Google Drive Folder

COMPETITIVE PROGRAMMING PROFILES

GeeksforGeeks: Top 1%, 700+ DSA problems

HackerRank: 5 star in Java DSA

LeetCode: 200+ problems solved

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hackerrank/mane_ganesh_pc

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