

VIGNESH RASURI

FULLSTACK DEVELOPER

Email: vignesh.rasuri2004@gmail.com

phone: 9346194823

[website](#) | [GitHub](#) | [LeetCode](#) | [Linkedin](#)

PROFESSIONAL SUMMARY

Full-stack Java developer and CS undergraduate at Woxsen University with hands-on experience building web applications using Spring MVC, Hibernate ORM, and REST APIs. Proficient in Java, MySQL, and Spring Boot with exposure to JSP/J2EE-based architectures. Solved 150+ DSA problems on LeetCode. Seeking an internship to apply and grow Java development skills in a real-world environment.

EDUCATION

- **B-tech Computer Science and Engineering** | Woxsen University, Hyderabad | 8.7 CGPA | 2023-2027
- **10+2** from narayana junior college in 2022 with 86%
- **10th** from Nagarjuna school in 2020 with 10 CGPA

SKILLS

- **Languages:** Java, Python, JavaScript, SQL
- **Frameworks:** Spring Boot, Spring MVC, Spring Data JPA (**Hibernate ORM**), Spring AI, React, JUnit5
- **Web Technologies:** JSP, Servlets, J2EE, REST APIs, WebSocket
- **Databases:** MySQL, PostgreSQL
- **Cloud & Tools:** AWS EC2, Kafka, CI/CD, Docker.
- **CS Fundamentals:** DSA, DBMS, OOP, OS, Networking, Microservices, System Design

EXPERIENCE

JPMorganChase – Software Engineering Job Simulation (Forage)

Jan 2026

- Integrated Kafka into a Spring Boot microservice to consume and deserialize high-volume transaction events, with validation and persistence via Spring Data JPA (H2).
- Connected an external REST Incentive API using RestTemplate, exposed JSON balance endpoints, and verified end-to-end flow with Maven tests.

KEY PROJECTS

QUASAR: Student Collaboration and PBL platform

June 2025

Tech Stack: React, Spring Boot, OAuth2 (GitHub), JWT, WebSocket, Spring Data JPA, postgresSQL.

- Built end-to-end collaboration platform using **Spring MVC** layered architecture with **Hibernate ORM** (Spring Data JPA), designed 35+ REST APIs and reduced DB round-trips by ~80%.
- Implemented GitHub OAuth2 + JWT with role-based access control using Spring Security; added real-time chat via WebSocket (STOMP).
- Integrated an AI recommendation engine using Ollama vector embeddings (pgVector) for semantic student-project matching.

SEWA: sepsis early warning agent

December 2025

TechStack: React.js, Fast API, Tailwind CSS, PostgreSQL, websockets, pandas, numpy.

- Implemented rule-based sepsis risk assessment with visual alerts and trend analytics for early intervention.
- Built a real-time ICU dashboard with rule-based sepsis risk scoring, visual severity alerts, and trend analytics for early clinical intervention.

CERTIFICATIONS & COURSES

- Java Full Stack & Spring Boot AI – Telusko
- JUnit Testing – Udemy

Achievements

- **DSA: Solved 150+ problems on LeetCode**