

Hemanth Kumar Rajoli

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Java Software Developer with expertise in Spring Boot, microservices, RESTful APIs, and Spring Security, skilled in building scalable, high-performance backend systems using Agile methodologies. Has experience in React.js for developing responsive, user-friendly front-end applications, complementing strong backend capabilities. Experienced in applying AOP for cross-cutting concerns, optimizing application security, and enhancing maintainability.

Skills

- **Programming Languages:** Java, Python, JavaScript, SQL, PL/SQL
- **Backend Technologies:** Spring Boot, Spring Security, Spring AOP, REST API's
- **Databases:** MySQL, PostgreSQL
- **Distributed Systems:** Kafka, Microservices architecture
- **Frontend Technologies:** React, JS, HTML, CSS
- **Cloud & DevOps:** Git, Docker, Kubernetes, AWS (IAM, EC2, S3)
- **Testing:** Junit, Mockito
- **Agile Methodologies:** SAFe Agile Model, Jira, Confluence
- **OS:** Linux (centos, Rocky), Windows
- **Other:** Data Structures & Algorithms, System Design

Experience

Java software engineer | **Velocix Solutions** | **Chennai** | **July 2023 – July 2025**

- Internship (July 2023 – Jan 2024), then full-time Software Engineer (Feb 2024 – July 2025)
 - Optimized **Java** application performance by resolving 5 critical bottlenecks, improving request throughput and reducing latency during high-traffic streaming hours by 30%.
 - Developed and deployed 10+ **Spring Boot** APIs, increasing personalization platform scalability and reliability.
 - Automated migration of **8 applications (CentOS → Rocky Linux)** with Python, achieving **zero downtime** and ensuring business continuity.
 - Increased **CIS security** compliance score from 85% to 91%, strengthening system reliability and trust.
 - Achieved 80% code coverage through unit and integration tests with **JUnit** and **Mockito**, and automated 40+ test cases using **Python** Robot Framework to enhance testing efficiency.
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Intern – Full stack developer | **Zimtive** | **Hyderabad** | **Dec 2022 – May 2023**

- Redesigned UI with **React** and improved messaging services, boosting user engagement by 80% across placement portal.
 - Collaborated in a full-stack environment, integrating backend services with frontend interfaces.
 - Upgraded the company page UI to deliver a cleaner look and smoother user experience.
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Education

Madanapalle institute of Technology & science, Madanapalle, Chittoor

- *B.Tech in Computer Science and Engineering | AUG 2019 – MAY 2023 | CGPA: 8.83/10.0*

Personal Projects

Chai-chat – Social app with friend graph + Real-time chat (Node.js, MongoDB)

Smart Attendance – Face recognition system for automated attendance (Python, OpenCV)

Achievements

- Gold Certificate at Velocix for feature development.
- Solved 350+ algorithmic problems on LeetCode, demonstrating strong problem-solving and DSA skills.
- Certifications: Spring boot backend development, Full stack development (Node.js, React), Docker, Kubernetes