**Hemanth Kumar Rajoli**

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Java Software Developer with expertise in Spring Boot**,** microservices**,** RESTfulAPIs**,** andSpringSecurity, 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.

***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.

**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