Varish Sanghvi

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EDUCATION

SRM University-AP, Andhra Pradesh — Amravati, India
Bachelor of Technology - Computer Science; CGPA: 8.44 — *July 2019 - June 2023*

Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking*

SKILLS SUMMARY

- **Languages:** Java, JavaScript, C++, Python
- **Frameworks:** ReactJS, NodeJS, MUI, Cypress, SpringBoot, HTML, CSS
- **Tools:** GIT, PostgreSQL, MySQL, JIRA, Postman, VS Code, IntelliJ IDEA, Robo 3T
- **Platforms:** Windows, AWS, MongoDB
- **Soft Skills:** Leadership, Algorithmic Problem-Solving, Communication, Teamwork, and Collaboration
- **Key Skills:** SOLID Principles, Data Structures and Algorithms, Object-Oriented Programming (OOP)

CERTIFICATIONS

AWS Certified Cloud Practitioner — Nov 2023 - Nov 2026
Amazon Web Services (AWS)
- **Credential Link**: View Certification

EXPERIENCE

Incedo — Hybrid - Hyderabad
Software Developer (Full-time) — *Jan 2024 - present*
- **Optimized UI performance**: Migrated Canvas-rf to Material-UI (MUI), reducing internal portal load times by 30% and enhancing productivity for telecom engineers managing 10,000+ tickets daily.
- **Accelerated Ticket Resolution**: Developed high-performance APIs for ticketing management, slashing resolution time by 30%, enabling support teams to resolve network issues 2x faster, and enhancing service uptime.
- **Engineered a Scalable Wrapper API**: Designed an abstraction layer to decouple business logic from core services, eliminating redundant logic and boosting API efficiency by 40%, improving system interoperability
- **Strengthened Security and Compliance**: Resolved vulnerabilities in Sysdig, SonarQube, and Fortify scans, leading to secure deployments and a 25% reduction in potential security risks.
- **Enhanced Backend Reliability**: Increased unit test coverage using Mocha, Chai, and Sinon from 40% to 85%, reducing regression bugs by 30% and improving maintainability for telecom ticketing services.
- **Cross-Functional Collaboration**: Partnered with product managers, QA teams, and developers across North America, gathering detailed requirements and delivering key features that improved network service reliability, reducing downtime by 20% for millions of users.

PROJECT

Vault Engine - Secure Credential Management System — March 2024 - April 2024
Full-Stack Developer
- **Architected and implemented**: the complete system architecture, including database schema, API structure, and secure storage mechanisms, enabling storage of up to 100,000 encrypted credentials.
- **Implemented**: JWT-based authentication, preventing 95% of unauthorized access attempts and enhancing system security.
- **Built microservices**: and RESTful APIs using Spring Boot and React, improving modularity and cutting response time by 40%.
- **Integrated PostgreSQL**: for encrypted storage, handling up to 500 concurrent requests efficiently, and conducted thorough testing using Postman API.
- **Outcome**: Successfully deployed a secure, scalable credential management system that supports multi-user authentication, prevents unauthorized access, and ensures seamless secret management across multiple environments.
- **Tech Stack**: React, Java, Spring Boot, PostgreSQL, Postman API.

Hackathon Website - Interactive Event Management Platform — June 2024 - July 2024
Front-End Developer
- **Crafted personalized dashboards**: for different user roles, leading to a 50% increase in user efficiency and workflow optimization.
- **Engineered a real-time collaborative platform** : for hackathons using React.js and CSS, facilitating seamless communication between 250+ participants, reducing coordination delays by 60%.
- **Integrated interactive visual effects**: such as a particle background, enhancing UI appeal and boosting user engagement by 35%.
- **Successfully launched**: a fully functional platform, reducing event management workload by 70% and streamlining participant coordination.
- **Tech Stack**: React, Java, Spring Boot, MongoDB, Postman API.

ACHIEVEMENTS/EXTRACURRICULAR ACTIVITIES

- Certified Cloud Professional
- Open-Source Contributor - Contributed to "Fork, Commit, Merge" project on GitHub
- Contributed to open-source by implementing features in Solid.js and React.js - PRs successfully merged into the main repository: Solid.js Counter (PR #2454), React.js Card (PR #2455).