

Varsha Chandrasahareddy Mulangi

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EDUCATION

Oregon State University

Master of Science in Computer Science

Sept. 2023 – May. 2025

GPA:3.93

Sapthagiri College Of Engineering

Bachelor of Science in Computer Science

Aug. 2017 – May. 2021

GPA:3.8

TECHNICAL SKILLS

Programming Languages: Java, Python, .Net, SQL, JavaScript, Typescript, HTML, CSS, PHP, JSON, Bootstrap

Databases and Frameworks: MySQL, NoSQL, Angular, Django, Bootstrap, Flask, .NET, .netCore, MongoDB

Cloud Technologies: Microsoft Azure, AWS

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Jupyter, PostMan

QA Tools: Jira, Jules, UAT

EXPERIENCE

Accenture solutions pvt limited

Associate Software Engineer

Oct 2021 – Aug 2023

Bangalore, India

- **Developed:** Engineered the ASE Resource Manager web application utilizing **Java, Spring Boot, Angular, MongoDB**, and **H2**, while collaborating with business analysts to precisely gather requirements. Enhanced functionality and user experience by implementing over **20 RESTful APIs** and **JPA repositories**. Successfully resolved critical website loading issues by refining Java code and SQL procedures to ensure continuous system performance.
- **Deployed:** Enhanced Continuous **CI/CD** for the ASE Resource Tracker by setting up **20+ Jenkins pipelines** and **streamlining microservices** deployments with **Kubernetes** and **Docker**, enhancing efficiency and scalability.
- **Optimization:** Led a **70% improvement** in operational processes during the migration from Napoli to Sphinx, utilizing Spring Boot, Java, and AWS S3. **Achieved 97% test coverage** with **Mockito** in **JUnit tests**, significantly enhancing software reliability.

Infidata technologies

Web Developer Intern

March. 2021 – April. 2021

Bangalore, India

- **Development:** Collaborated with teams to enhance the FlavorFusion app using Python and React in an **Agile environment**, integrating payment solutions and transforming it into a Progressive Web App (PWA).
- **Deployment:** Utilized basic Linux skills to support and **streamline development** environments for smooth deployments.
- **Optimization:** Improved user engagement by designing a personalized homepage and recommendation engine, leading to a **20% increase in user retention** and a **15% boost in click-through rates**, while also enabling customizable recipe features to support business growth..

PROJECTS

Covid-19 Information Tracker | Java, Spring Boot, React JS, MySQL

- Created a COVID-19 Information Portal with SpringBoot, streamlining customer-vendor interactions, integrating real-time chat (Node.js), and a PHP REST API for seamless system integration.
- Implemented a secure OAuth 2.0 authentication mechanism using PHP and SQL to restrict access to authorized users in the Covid-19 Information Tracker.

Attendance Management System | Java, Spring Boot, Angular, MongoDB

- Built a system for tracking attendance that allows professors to take attendance in real-time. Used D3.js to create interactive stats and automatically calculate fines based on attendance records.

E-commerce Application | Java, Spring Boot, Angular, MongoDB

- Designed a role-based e-commerce application with secure role-based authentication, enabling users to perform CRUD operations on products and integrated the Stripe payment gateway for seamless and secure online purchases.