SAMHITHA BUDDHA

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[GitHub ↗](#) | [LinkedIn ↗](#)

About

Engineering student with a strong foundation in Enterprise Java and the Full SDLC. Experienced in enhancing system reliability through microservice migration and establishing better engineering practices. Familiar with Spring Boot and dedicated to continually improving development processes and knowledge within wealth-tech.

Education

Bachelor of Technology in Computer Science and Engineering　　　　　　　　*Nov 2022 – 2026*
Gayatri Vidya Parishad College of Engineering (Autonomous)

CGPA:8.97

Coursework: Data Structures and Algorithms (DSA), Operating Systems, Object-Oriented Programming (OOP), Database Management Systems (DBMS) - strong foundation in core computer science fundamentals

Experience

○ **Walmart Global Tech India - Software Engineering Intern**　　　　　　　　*May 2025-July 2025,*
Migrated legacy microservice Java version　　　　　　　　　　　　　　　　　　*Bangalore-India*

- ○ Achieved **100% service compatibility** across enterprise modules by managing the full SDLC for legacy microservice and dependencies migrations, utilizing **Maven** and internal **CI/CD pipelines** to ensure a robust application launch for high-performing backend solutions.
- ○ Maintained high system reliability and **risk reduction** for production-ready deployments, by implementing **60+ automated JUnit tests** and using TDD to **efficiently diagnose bugs** and troubleshoot backend performance issues.
- ○ **Achieved end-to-end ownership** of high-performing applications by working with other developers to continually improve development processes, **participated in design and code reviews** to define system requirements and establish better engineering practices for **robust application** development.

Projects

Learning Management System

- ○ **Architected a robust MERN-based system** by implementing **10+ RESTful APIs** and validating endpoints through **Postman** to ensure 100% data integrity and system reliability. This approach focused on **risk reduction** by managing protected routes and sensitive user information throughout the **SDLC** to maintain a clean backend architecture.
- ○ **Engineered 15+ modular components** to optimize performance and **efficiently diagnose bugs**, accelerating the client's digital journey through **analytical problem-solving**. I demonstrated a **willingness to dive deep** into complex feature launches and design reviews to ensure high-quality engineering practices.

Expense Tracker

- ○ **Developed a robust financial prototype** achieving 100% calculation accuracy and risk reduction by implementing map/reduce algorithms to automate expense categorization.
- ○ **Improved user discoverability** of spending patterns through analytical problem-solving, integrating persistent Local Storage to simplify complex data for wealth-tech users.

Skills

Programming & Core Engineering: Java , Python, DSA, OOPS, DBMS, OS and SDLC.

Web Development, Frameworks & APIs: HTML5, CSS3, JavaScript , React.js, Spring Boot, and REST APIs.

Cloud, Database : AWS (Lambda, S3, EC2), and RDBMS (MySQL).

Engineering Tools: Git/GitHub, Maven, Unit Testing (JUnit, TDD), Postman and Agile/Scrum Methodologies.

Soft Skills: Problem Solving, Interpersonal skills, Communication Skills, Innovative thinking, Team Collaboration.

Certifications

- ○ Salesforce SmartInterz - Salesforce Developer Virtual Internship
- ○ Infosys Springboard – Frontend Web Development Certification
- ○ Data Pro - MERN Stack Certification

Roles and Responsibilities

- ○ Actively supported YFS Club initiatives through event organization and teamwork, collaborating with diverse stakeholders to achieve project goals.