

OMTEJA YALLAPRAGADA

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Summary

Computer Science student with a solid understanding of programming, data structures, and web technologies. Experienced in using C++, Java and AWS to build practical projects. Interested in web development, cloud tools, and solving technical problems. Looking for opportunities to work on real-world software and continue learning through hands-on experience.

Education

2022 — Present	B.Tech. (C.S.E) at Aditya College of Engineering and Technology	CGPA: 8.35
2022	Class 12th, Andhra Pradesh State Board	95.3%

Technical Skills

CS Core	Data Structures & Algorithms, OOP, DBMS, Operating Systems
Programming Languages	C, C++, Java, Python
Front-End Tools	HTML, CSS, JavaScript, Tailwind CSS, React.js, React Redux
Databases	MySQL, MongoDB
Operating Systems	Linux
Developer Tools	Git, GitHub, Markdown, REST APIs, Figma
Cloud Technologies	AWS Cloud

Projects

Serverless URL Shortener with AWS Integration Live Demo | Source Code

- Built a Serverless URL shortener with a user-friendly web interface, capable of shortening over 1000+ URLs per day.
- Optimized for efficiency and scalability, with an API design that can handle 500+ concurrent requests without issues.
- HTML, CSS, JavaScript, AWS Services — Lambda, Amazon DynamoDB, API Gateway.**

Sushi-Shinobi - A Front-end Landing Page Live Demo | Source Code

- Designed a comprehensive and user-friendly restaurant landing page, with responsiveness across multiple devices
- Implemented smooth scroll animations significantly enhancing the user experience by adding interactive elements.
- HTML, CSS, JavaScript library — AOS (Animate On Scroll)**

Inventory Management System - Java Based Application Source Code

- Built a desktop application utilizing Java Database Connectivity (JDBC) and GUI frameworks for managing inventory operations.
- Implemented complete CRUD functionality with MySQL, improving item organization and enhancing operational efficiency.
- JDBC, Java GUI Frameworks — SWING, AWT, Database — MySQL**

Experience

Java Intern (August 2024 – November 2024) *Technical Hub Pvt. Ltd.*

- Helped 2nd-year students in understanding the key concepts of Object-Oriented Programming (OOP) and Java fundamentals by creating a friendly, engaging learning environment.
- Conducted 10+ coding assessments to improve students' logical thinking ability and held around 5+ mock interviews to increase their confidence and communication in technical discussions.
- Interacted with students individually, answering their doubts, sharing coding best practices, and guiding them toward a structured approach to solve the problems step-by-step, helping them gain confidence and improve in Java.

Coding Profiles

LeetCode: Successfully Solved 650+ Problems , Max. Contest Rating 1725*	<u>omteja04</u>
GeeksforGeeks: Solved 500+ problems , 3 Star , Contest Rating 1708*	<u>omteja04</u>
Codeforces: Pupil , Max. Contest Rating 1392*	<u>omteja04</u>
CodeChef: 3 Star , Max. Contest Rating 1746*	<u>omteja04</u>
HackerRank: Attained 5 Star in Data Structures and Algorithms, C, C++, Java, Python	<u>omteja04</u>

Certifications

AWS Certified Developer - Associate (DVA-C02)	<i>AWS</i>
Red Hat Certified System Administrator (RHCSA)	<i>Red Hat</i>
IT Specialist in HTML & CSS, JAVA	<i>Certiport</i>
GitHub Administration	<i>GitHub</i>

Achievements

Adobe GenSolve'24 Hackathon: Ranked in the Top 50 among 1,00,000+ participants from 400+ universities across India.