

Golthi Venkatacharyulu

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Education

Aditya College of Engineering and Technology

B.Tech in Computer Science Engineering

June 2022 – Present

Cgpa:7.9 (Till date)

Sasi Junior College

2020 – 2022

Skills

Programming Languages: C / C++, Java, Python.

Core: Data Structures and Algorithms, Object Oriented Programming, Database Management System.

Frontend Tools: HTML5, CSS, JavaScript (Basic), MySQL.

Technologies: Web Development, AWS Development, Machine Learning..

Developer Tools: Github, VS Code, Linux (Redhat).

Additional Languages Known: Japanese.

Projects

ElevateEd - AI-Based Interactive Learning Platform [🔗](#)

Duration: Feb 2025

- **Use Case:** Personalized educational platform enabling students to manage learning progress efficiently.
- **AI-Enhanced Learning Analytics:** Integrated AI-based analytics to provide personalized learning recommendations, boosting student engagement by **40%**.
- Deployed an **AI-driven text summarizer**, extracting insights from **10,000+ documents**, reducing reading time by **50%**.
- **Tech Stack:** HTML, CSS, JavaScript, PHP, MySQL, XAMPP Server, AWS Cloud.

CURVETOPIA: Advanced 2D Shape Classification and Curve Analysis [🔗](#) [Demo](#) [🔗](#)

Duration: Oct 2024

- Developed an **AI-driven tool for 2D shape classification with 90% accuracy** in symmetry detection and curve completion.
- Integrated advanced data visualization, processing **10,000+ CSV and PNG files** to extract meaningful insights.
- **Tech Stack:** Python, Flask, HTML, CSS, Data Visualization, Machine Learning.

Financial Expenses Tracker - A Full-Stack Application [🔗](#) [Demo](#) [🔗](#)

Duration: Nov 2024

- **Application:** Helps users track and manage personal finances efficiently, offering real-time insights into income and expenses.
- Developed a full-stack financial tracker leveraging AWS services, enhancing **data management efficiency by 40%**. tracking and user authentication.transaction tracking and user authentication.
- **Tools Used:** HTML, CSS, JavaScript, AWS.

Inventory Management System - Java Based Application [🔗](#)

Duration: Apr 2024

- **Use Case:** Helps businesses track and manage inventory efficiently, reducing manual work.
- Designed a management tool, reducing **manual tracking time by 40%**.
- Built a Swing-AWT interface, enabling **efficient product filtering across 500+ items** based on pricing and categories.
- **Tech Stack:** Java, Swing, AWT, MySQL

Internships

AWS Cloud Development Intern - Technical Hub Pvt.Ltd.

May – July 2024

- Deployed and managed scalable AWS cloud solutions, improving system reliability to 99.5% uptime.
- Enhanced API performance by 25% through optimized design, earning the Postman API Fundamentals Student Expert badge.

Java Intern - Technical Hub Pvt.Ltd.

August – November 2024

- Mentored 50+ students in Object-Oriented Programming and Java fundamentals, fostering a structured learning approach.
- Led code review sessions, improving coding efficiency by 30% through debugging and optimization strategies.

Certifications

- IT Specialist in **HTML & CSS** - Certiport Pearson.
- Github Administration - **Github**.
- Redhat System Administration - **RHCSA**.

Competency

- **GeeksforGeeks** [🔗](#): Solved 300+ problems, Campus Rank 11.
- **Leetcode** [🔗](#): Solved 400+ problems, Achieved Monthly Badges for 100 days, April, and May.
- **HackerRank** [🔗](#): 5-star in Data Structures and Algorithms, C, C++, Java, Python.
- **Codeforces** [🔗](#): Pupil, Max Rated: **1260**.

Achievements

- **Adobe GenSolve'24 Hackathon**: Secured a place in the **Top 50 out of 1,00,000+ participants** from 400+ universities across India.