VIKAS MADA

Hyderabad, Telangana

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EDUCATION

Degree	Institute	CGPA
B.Tech in Computer Science (DS) (2023–Present)	Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad	9.33
B.S in Data Science (2023–Present)	Indian Institute of Technology, Madras	9.08
PUC (2021–2023)	Rajiv Gandhi University of Knowledge and Technologies, Basar	9.71
CBSE Class X (2020–2021)	Jawahar Navodaya Vidyalaya	96.2

Relevant Coursework: Data Structures & Algorithms,Database Management Systems, OOPS, Operating Systems, Software Design

EXPERIENCE

- **App Developer Intern, Saavik Solutions** — Aug 2025 – Present
  - Developed and maintained Flutter-based mobile application features, integrating RESTful APIs and real-time backend services.
  - Used object-oriented programming (OOP) and asynchronous programming to debug issues, optimize performance, and support agile development workflows.
  - Worked with CI/CD pipelines, contributing to build, testing, and deployment processes using Git-based version control.
- **Executive Convener, Computer Society Of India** — Sep 2025 – Present
  - Leading technical teams for ideathons, coding competitions, and large-scale student events.
  - Coordinated problem setting, judging workflows, and technical execution for competitions.
  - Managed strict event deadlines, cross-team collaboration, and technical operations and financial resources. optimisation, and production deployment cycles.

KEY PROJECTS

- **CivicLink: AI-Powered Civic Issue Reporting System** — ⚙ CivicLink
  - Designed a full-stack web application (React, Flask, MongoDB) for real-time issue reporting and tracking.
  - Leveraged Gemini API for multimodal input (text, image, and speech) to improve accessibility and user experience.
  - Followed SDLC best practices, focusing on modular design, maintainability, and system scalability.
- **Data Warehouse Analytics Project** — ⚙ SQL-DWH
  - Implemented a SQL Server data warehouse using Medallion Architecture to integrate ERP and CRM data.
  - Built ETL pipelines to ingest CSV data, perform cleansing and transformations, and model data.
  - Developed SQL-based analytical queries to analyse customer behaviour, product performance, and sales trends.

TECHNICAL SKILLS

- **Programming Languages**: Python, C++, C, JavaScript
- **Core CS**: Data Structures & Algorithms, Operating Systems (Coursework), DBMS
- **Databases**: MySQL, Firebase, Supabase
- **Tools**: Git, GitHub, VS Code, Jupyter Notebook, Google Colab
- **Areas of Interest**: Machine Learning, App Development, Systems Programming
- **Soft Skills**: Leadership, Communication, Self-Learning, Problem Solving, Time Management

ACHIEVEMENTS & CERTIFICATIONS

- **Certified in AWS SimuLearn: Cloud Practitioner by Amazon Web Services (AWS)(2025)**
- **Finalist at Python Coding Challenge, IIT Madras(2024):** Achieved Silver Medal among 100 qualified participants in the coding competition held at IIT Madras
- **Certified in Foundations of Programming and Data Science by IIT Madras**
- **Certified Smart Coder – Smart Interviews (2025):** Achieved a **global rank of 1039/48560** and earned a **Diamond Certification** for completing the Smart Interviews Coding Program.