GaganRaj Chinka

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Objective

Ambitious and dedicated Computer Science student (2026 batch) with a solid foundation in data structures, algorithms, and full-stack software development. Passionate about building scalable, cloud-ready solutions using modern technologies. Proficient in Python, Java, and C++, with hands-on experience in agile development, problem-solving, and writing clean, optimized code. Eager to contribute to innovative engineering teams by applying strong fundamentals, adaptability, and a growth mindset to real-world challenges.

Education

CMR Technical Campus
Bachelor of Technology in Artificial Intelligence & Machine Learning (AIML) | 2022 – 2026   **CGPA:** 8.4

Technical Skills

- **Programming Languages:** C, C++, Python,Java
- **Web Technologies:** HTML, CSS, JavaScript, Django
- **Databases:** MySQL , Pandas , SQLite
- **Development Methodologies:** Agile, Waterfall model
- **Machine Learning:** Scikit-learn, OpenAI API, Gemini AI, LLMs

Experience (Virtual Internships)

Google AI-ML Virtual Intern | Remote | Jan – Mar 2024 [Link]

- Trained a **sentiment analysis model** (TensorFlow) achieving **89% accuracy** on IMDb dataset.
- Automated data preprocessing, reducing cleaning time by **30%**.

AWS Cloud Intern | Virtual Program | Oct - Dec 2024 [Link]

- Deployed a **serverless API** using AWS Lambda, cutting operational costs by **40%**.
- Configured S3 buckets for secure data storage.

Projects

1. **DeepSide – Drug Side Effect Prediction Framework [Link]**

- Developed a deep learning framework called DeepSide by applying **CNN and Multi-Modal Neural Networks** on the Drug Side Effect dataset using **Scikit-learn**, to **accurately predict** potential side effects based on molecular and biological features.
- Tech Stack: Python,Scikit-learn,HTML,CSS,Django

2. **SmartCompiler – AI-Powered Python Code Editor [Link]**

- Developed an **intelligent editor** with real-time **syntax error detection**, **auto-correction**, and **time complexity feedback**.
- Integrated **Gemini 1.5 Flash** and **OpenAI API** for AI-driven error resolution and test-case evaluation.
- **Tech**: Python, OpenAI API, **AST parsing**, Prompt Engineering.

3. **Healthcare Appointment Booking Web App [Link]**

- Created a **secure web-based platform** for booking and managing healthcare appointments.
- Features include **user authentication**, **scheduling**, and **persistent session management**.
- Tech Stack: Flask, SQLite, Python, Html, Css, Javascript

Certifications & Achievements

- **Google Cloud Data Analyst Certificate**
- **4 star coder at Hackerrank(problem solving)**
- **1522 contest rating @Leetcode**
- **Smart India Hackathon (College Level) - 6th Place**
- **700+ DSA question solved (Leetcode,Codechef)**

Soft Skills

- **Problem-Solving**
- **Team Collaboration & Adaptability**
- **Communication & Leadership**