Aarush Raj Gandhari

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GitHub: https://github.com/G-Aarush-Raj   **Mobile:** +91 9014782161   **DOB:** 03/09/2004
Location: Hyderabad, Telangana, India

Summary

Aspiring Software Development Engineer with strong foundations in data structures, algorithms, object-oriented design, and databases. Proven experience in building real-world software solutions and collaborating in agile teams. Passionate about writing scalable, maintainable code and learning from challenging technical environments.

Education

- **BTech in Computer Science of Engineering(AI/ML)**   **(2022 – 2026)**
  Geethanjali college of Engineering and Technology • Hyderabad, India • (GPA: 9.2)
  (Expected Graduation: May 2026)
- **Intermediate MPC:** Johnson Grammar School,CBSE • Hyderabad, India • (Percentage: 87%)   **(2020-2022)**
- **Schooling:** Johnson Grammar School,CBSE • Telangana, India • (Percentage: 87%)

Projects

- **Manhole Detection and Monitoring System (Arduino, Raspberry Pi)**
  Identify open or damaged manholes in real-time, enhancing urban safety and maintenance efficiency.
- **Credit Card Fraud Detection (Python, Scikit-learn)**
  Identify suspicious transactions in real-time, minimizing financial loss and enhancing security.
- **Weather App (Express, Node.js)**
  Provides real-time, location-based weather updates with intuitive visuals and forecasts.

Certifications

- **AWS Cloud Practitioner Certification**   **March 2025**
- **PCEP Global Certification**   **Dec 2024**
- **Google AI-ML Virtual Internship**   **April 2024**

Skills

Python	SQL	AI-ML
AWS	Java	Node.js

Strengths

Positive Attitude	Goal Oriented	Communication
Quick Learner	Collaboration	Growth Mindset

Awards

- **AICTE Inventors Challenge Winners**   **Nov 2023**
  Worked on Manhole Detection and Monitoring System. The solution for missing manhole covers, partial and improper coverage, difficulty in locating the blockages during rains pours are few of the major reasons causing road accidents and in many cases fatalities.

Co-Curricular Activities

- **Technical Lead – AIML Club, GCET**
  Hosted technical events and guided peers in mastering Figma for UI/UX design.
- **Treasurer – IEEE SSIT Student Branch, GCET**
  Managed budgeting and coordination for tech talks, workshops, and out reaches.

Additional Information

- **Short Courses:** Python Essentials-1 - Cisco, Java programming – Oracle
- **Languages Known:** English, Hindi, Telugu