Ramakanth Gajula

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CAREER OBJECTIVE

Motivated and detail-oriented graduate with strong foundations in Python, SQL, Excel, and Power BI, and hands-on experience in data analytics, dashboarding, and machine learning projects. Adept at turning raw data into actionable insights and developing efficient solutions. Eager to contribute to dynamic tech teams and grow through practical, problem-solving experience.

EDUCATION

Mahatma Gandhi Institute of Technology, Gandipet　　　　　Nov 2021 – Jun 2025
Bachelor of Technology (ECE); GPA: 6.7

Vectra junior college, Kukatpally　　　　　Jun 2019 - May 2021
Intermediate (MPC); GPA: 7.23

CORE SKILLS

- Languages:　　Python, SQL, C, HTML\CSS, JavaScript
- Frameworks:　NumPy, Pandas
- Tools:　　　　Power BI, Excel, MySQL, Git
- ML & AI:　　　TensorFlow, CNN, OpenCV, Media Pipe
- Soft Skills:　Adaptability, Problem-Solving, Analytical thinking, Team Collaboration

PROJECTS

- **Utilized Power BI to create interactive dashboards for business reporting**
  - Created interactive dashboards for sales and KPI dashboards, improving reporting speed by 40%.
  - Designed visualizations to identify business trends and enable data-driven decisions.

  Tech Stack: Power BI, Excel
- **Smart assistance for Deaf and Dumb**

  Description: Built a gesture recognition system using a glove embedded with flex sensors and an integrated CNN-based vision model to assist speech-disabled individuals.
  - Achieved 92% recognition accuracy across 50+ test samples.

  Tech Stack: Python, CNN, NumPy, TensorFlow, Media Pipe, OpenCV, Tk-inter, Pyttsx3
- **ESP32 RTC-Based Motion Detection System**

  Description: Developed a real-time motion detection system using PIR sensor integrated with an ESP32 microcontroller and uploaded detection events to a hosted HTML web server for live monitoring.

  Tech Stack: C, HTML, ESP32, Real-Time Clock (RTC), PIR Sensor

CERTIFICATIONS

- MySQL Heatwave Implementation Certified Associate | ORACLE | LINK
- Generative AI Professional | ORACLE | LINK
- Data Analysis with Python | IBM | LINK
- Tata Group GenAI powered Data Analytics | FORAGE |LINK
- Data Analytics with Generative AI | SKILL UP | LINK
- Power BI Workshop | SKILL NATION | LINK