Ruthvik Goud

Linkedin
Github

Email: ravularuthvikgoud@gmail.com
Mobile: +91-91606068422

Education

- **Indian Institute of Information Technology,Nagpur**
  Bachelor of Technology in Computer Science and Engineering—GPA: 6.64
  November 2022- May 2026
  Nagpur,Maharastra

- **Sri Chaitanya Junior College,Hyderabad**
  MPC in board of Intermediate Education—percentage:98.8
  May 2022
  Hyderabad,Telangana

- **Siddartha High School,Karimnagar**
  Board of Secondary Education—GPA:10
  June 2020
  Karimnagar,Telangana

SKILLS SUMMARY

- **Languages**: Python,C++, Structured Query Language
- **Libraries**: Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn, Streamlit, Tensor flow,Keras
- **Technologies**: Machine Learning, Data Science, Deep learning,AI
- **Relevent Coursework**: Data Structures Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering and Computer Networking

EXPERIENCE

- **AI-ML intern on Image Captioning using Large Language Models**
  Indian Institute of Information Technology,Nagpur
  Remote
  May 2024 - Present
  - **CNN and Vision Transformers**: Implemented and optimized CNN architectures such as Inception V3 , VGGNet-16, Resnet50 and Vision Transformers(ViT) for image captioning tasks.
  - **Large Language Models**: Worked with Transformer-based models, including BERT and GPT-2, to improve language generation and image-text alignment. .
  - **Frameworks and Tools**: Good experience in Python, Tensorflow, and Hugging Face for implementing and fine-tuning vision-language models

PROJECTS

- **Traffic Management System**:
  - Created a traffic light management system using YOLOv8 for object detection and real-time analysis of vehicle flow to optimize traffic signal timing and reduce congestion.
  - Applied K-Means Clustering for Traffic Pattern Analysis and applied reinforcement learning for adaptive traffic light control and object detection for identifying vehicles.

VOLUNTEER EXPERIENCE

- **Marketing Team Lead**
  Nagpur,India
  - Led online and offline marketing efforts for our College's annual Technical and Cultural Fest, successfully promoting the event to over 200 colleges across India.