

Morampudi Gopi Prashanth Raju

+91 6300545278 gopiprashanthraju@gmail.com LinkedIn GitHub LeetCode

Education

Chaitanya Bharathi Institute of Technology

Bachelor of Engineering (Artificial Intelligence and Data Science) – GPA: 9.18 / 10

Nov 2021 - May 2025

Hyderabad, India

Experience

 **Providence India – Healthcare Technology Company**

June 2024 – Aug 2024

Software Development Engineer Intern | Network Operational Intelligence

Hyderabad, India

- Selected for a prestigious 2-month internship focused on cutting-edge real-world technologies. Collaborated with cross-functional teams to ensure seamless integration of automation tools with existing network infrastructure.
- Streamlined network device automation using Python, including the generation of automated output ZIP files and implementation of rule-checking interfaces with Django.
- Utilized Netmiko and Paramiko to develop scripts for network device configuration and event logging, achieving a 30% improvement in network management efficiency and leveraged SQL for data storage and management and Difflib for configuration comparison and validation.

Projects

MERN Stack Website - VoyageMate | MongoDB, Express.js, React, Node.js

- Developed a full-stack web application with user authentication and personalized travel suggestions and Integrated live tracking functionality and PNR status checks, leveraging **MongoDB** for data management. Enhanced user experience with responsive design and optimized API endpoints.

Automatic Class Attendance Tkinter App | Python, Tkinter, Face Recognition, CSV

- Created a **Tkinter** application for automating attendance using face recognition and CSV for data storage. Designed intuitive interfaces for both students and teachers to manage and view attendance records and implemented real-time face detection algorithms to ensure accuracy and reliability.

Clothing Website Data Scraping and CNN Model Development | Python, Selenium, CNN, NumPy, Pandas, TensorFlow

- Scraped data from a clothing website using **Selenium** and developed a CNN model to predict garment prices and ratings. Preprocessed datasets to enhance model accuracy through normalization and handling of missing values. Trained and deployed the model using **TensorFlow**, achieving high prediction accuracy.

SilentVox - Video Sharing Platform | MongoDB, Express.js, React, Node.js

- Developed a web application combining YouTube and Reddit features, supporting video sharing, anonymous uploads, comments, likes, dislikes, and watch later. Optimized back-end performance with **Node.js** and ensured robust data management using **MongoDB**.

Cricket Analysis Using R | R, Data Analysis

- Analyzed cricket matches between India and Australia, visualized data, and identified key players. Utilized statistical and data analysis techniques to determine the best playing 11 based on match data. Generated actionable insights and detailed reports for strategic decision-making.

Technical Skills

R | Python | Java | JavaScript | C | Object-oriented Programming | Problem Solving | C++ | ReactJS | ExpressJS | Flask | Django | TensorFlow | PyTorch | JQuery | Bootstrap | NodeJS | NumPy | Pandas | Matplotlib | SQL | MySQL | MongoDB | Git | AI | ML | DS & Algo | OS | CN

Certifications and Achievements

Python Certification (Data Collection, OS Interaction): Google, Michigan University

Java Programming Certification: Duke University

Full Stack Development Certification: Udemy (Technologies: HTML, CSS, JavaScript, React, Node.js).

Competitive Programming: HackerRank: 5-star, **LeetCode:** Knight, Rating-1940, **CodeChef:** 3-star

Hackathons: Participated in **COSC HacktoberFest**, **Flipr WebD**, **TechGig ML**

Google Cloud Computing Certification: Google Cloud Computing