

# Morampudi Gopi Prashanth Raju

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## Education

### Chaitanya Bharathi Institute of Technology

Nov 2021 - May 2025

Bachelor of Engineering (GPA: 9.18 / 10)

Hyderabad, Telangana

- **Relevant Coursework:** Data Structures and Algorithms (Java), Prob & Stat in CS (Python), Machine Learning, Data Analysis, Sql, Html, Css, JavaScript, Mern Stack, Numpy, Pandas

## Experience

### Providence

June 2024 – Aug 2024

Software Development Engineer Intern

Hyderabad, Telangana

- Managed the automation of network devices, generating automatic output ZIP files and implementing rule-checking UI using Django.
- Developed scripts for network device configuration and event logging, improving efficiency by 30% in the network management process.
- Collaborated with cross-functional teams to ensure seamless integration of automation tools with existing network infrastructure.

## Projects

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

- Developed a full-stack web application with user authentication and personalized travel suggestions.
- Integrated live tracking and PNR status checks, leveraging MongoDB for data management.

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

- Created a Tkinter app for automating attendance using face recognition and CSV for data storage.
- Designed interfaces for both students and teachers to manage and view attendance records.

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

- Scraped data from a clothing website and developed a CNN model to predict garment prices and ratings.
- Preprocessed data for model training, enhancing accuracy through normalization and handling missing values.

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

- Developed a dynamic web application for secure video uploading, sharing, and viewing.
- Implemented efficient search functionality to help users navigate vast online content.

### Cric Analysis Using R | R, Data Analysis

- Analyzed cricket matches between India and Australia, visualized data, and identified key players.
- Utilized data analysis techniques to determine the best playing 11 based on match data.

## Technical Skills

**Languages:** R, Python, Java, JavaScript, C/C++

**Frameworks/Libraries:** React.js, Express.js, Flask, Django, TensorFlow, PyTorch, jQuery, Bootstrap, Node.js, NumPy, Pandas, Matplotlib

**Databases/Tools:** MySQL, MongoDB, Git

**Concepts:** Operating Systems, Computer Networks, Data Structures and Algorithms, Artificial Intelligence, Machine Learning, Deep Learning, Data Analysis

## Certifications and Achievements

**Python Certifications:** Google, Michigan University (Data Collection, OS Interaction).

**Java Programming** (Duke University): Problem-solving with Software.

**Full Stack Development** (Udemy).

**Competitive Programming:** HackerRank 5-star, LeetCode 1881, CodeChef 3-star.

**Hackathons:** COSC HacktoberFest, Flipr WebD, TechGig ML.

**Google Cloud Computing Certification.**