Gopi Krishna Ponnamudi

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About Me

I am an aspiring AI engineer, deeply passionate about leveraging the power of artificial intelligence to solve real-world challenges. My journey in AI began with a strong foundation in Python, which I expanded by working on several hands-on projects. I have explored data science, data mining, and, ultimately, the fascinating realms of machine learning and deep learning. Through dedicated coursework and daily practice, I apply AI algorithms to practical projects. Additionally, I am an avid programmer, solving complex problems on platforms like HackerRank and LeetCode to enhance my logical and algorithmic thinking.

Education

Rajiv Gandhi University of Knowledge Technologies (RGUKT)   **Current CGPA: 9.4/10**
Bachelor of Technology (B.Tech) in Computer Science and Engineering   *Pursuing*

Rajiv Gandhi University of Knowledge Technologies (RGUKT)   **CGPA: 9.92/10**
Pre-University Course (Intermediate)   *Completed*

Holy Family English Medium School   **Score: 591/600 (10th Grade, SSC)**
High School   *Completed*

Skills

Programming Languages: C, C++, Java, Python, JavaScript

Web Development: HTML, CSS, React, Node.js (MERN Stack)

Data Analysis & Visualization: Pandas, Seaborn, Matplotlib, Excel

Databases: MySQL, MongoDB

Soft Skills: Communication, Presentation, Leadership

UI/UX Tools: Canva

Other: Full-stack web development (MERN)

Certifications

Teachnook: Artificial Intelligence with Python

Smartknown: AI with Python

LinkedIn: AI for Everyone

edX: Data Science with Python

Projects

EaziVer: Developed a web platform using the MERN stack to connect individuals with part-time job opportunities. Users can post and accept jobs.

Protein Structure Prediction & Visualization: Applied machine learning to predict and visualize protein structures.

Mental Health Prediction: Built a machine learning model to predict mental health conditions using Python.

Telecom Churn Prediction: Developed a model to predict customer churn in the telecom industry.

CIFAR-10 Image Classification: Built a deep learning model to classify images from the CIFAR-10 dataset as part of a project with Smartknown.

EDA & Model Application: Conducted EDA and applied classifiers, regressors, and clustering algorithms during an internship at Teachnook.

Countdown Timer: Created an interactive countdown timer using Python.

Internships & Experience

Teachnook
Intern *2023*
Conducted exploratory data analysis and applied machine learning models to real-world datasets.

Smartknown
Intern *2022*
Worked on deep learning projects, including a CIFAR-10 image classification model.

Extracurricular Activities

Volunteer: MeeBuddy, contributing to community development through various initiatives.

Design Group Member: MeeBuddy Design Group, collaborating on creative projects.

Languages

English: Fluent
Hindi: Fluent
Telugu: Native Speaker