Gandam Gnana Thirumalesh

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Professional Summary

I am a final-year Computer Science student specializing in software development, web technologies, and data science. I have expertise in full-stack development using HTML, CSS, JavaScript, PHP, React, Express, and Python. My skills extend to database management with MySQL, object-oriented programming, and version control using Git. Additionally, I am proficient in Python for data analysis and machine learning. I am passionate about building scalable software solutions and continuously enhancing my skills to stay aligned with industry trends.

Technical Skills

Backend Development:

Node, Express, Flask, JWT, REST API Architecture

Programming Languages:

Python, Java, C

Frontend Development:

React, JavaScript, Bootstrap, HTML, CSS, Tailwind CSS

Data Bases:

MY SQL

Professional Experience

NLP Intern

NLP Intern at Indian Servers May 2023 - June 2023

t Indian Servers

- Designed and implemented NLP models using Python libraries like NLTK and spaCy for text classification and sentiment analysis, which sharpened my analytical and problem-solving skills in the context of research.
- Developed a Telegram bot to deliver automated, real-time responses, showcasing my ability to integrate NLP models with practical applications and solve complex real-world problems
- Applied advanced text preprocessing techniques, including tokenization,stemming, and TF-IDF vectorization, to ensure high-quality data for model training.
- Integrated NLP modelsfor real-time user input processing and dynamic response generation, demonstrating my capacity to build efficient and scalable systems.
- Acquired hands-on experience in training, evaluating, and deploying machine learning models, with an emphasis on improving the performance of models in real-time applications.

Education

Bachelor of Technology in Computer Science and Engineering

2021 – Present

Narayana Engineering College, Nellore

12th Grade in Mathematics, Physics, and Chemistry

2019 – 2021

Krishna Chaitanya Junior College, Nellore

Projects

Stock Anatomy [React | Express | MySQL | Flask]

View Project

- Developed a stock screening platform using React and Flask, integrating real-time financial data from Yahoo Finance, showcasing my ability to work with large datasets and provide actionable insights through dynamic, user-friendly interfaces.
- Implemented secure login and storage, leading to increased user retention and satisfaction.
- Built a Flask-based API integrated with Yahoo Finance, providing real-time stock data with high reliability.
- Developed secure APIs with Express,reducing authentication errors and improving data handling efficiency.
- Enabled stock search and filtering by criteria like symbol and trends, improving search speed.
- Designed an admin dashboard thatstreamlined content management and enhanced platform security.
- Added functionality for managing favorite stocks, increasing userinteraction with their portfolios.
- Optimized queries and React'sstate management for real-time updates, decreasing load times.

Certifications

React Advanced

Meta (Coursera) - 2025

IBM AI Developer Professional Certificate

– IBM (Coursera) - 2025

BuildAI Apps with ChatGPT, Dall-E, and GPT-4 from Scrimba

Scrimba - 2025

Languages

Telugu - Fluent (Writing and Speaking)