

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.

SKILLS

- **Programming Languages:** Python, Java, C
- **Back End Development:** Node, Express, Flask, JWT, REST API Architecture
- **Front End Development:** React, JavaScript, Bootstrap, HTML, CSS, Tailwind CSS
- **Data Bases:** MY SQL
- **Computer Science:** DSA
- **Miscellaneous:** UI/UX , SEO , Prompt Engineering , Git and GitHub

EXPERIENCE

NLP Intern at Indian Servers

May 2023 - June 2023

- 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 models for 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]

Jun 2024 – Jul 2024

- 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 that streamlined content management and enhanced platform security.
- Added functionality for managing favorite stocks, increasing user interaction with their portfolios.
- Optimized queries and React's state management for real-time updates, decreasing load times.

Online Compiler [Node.js | Express.js | Flask | HTML | JavaScript]

Mar 2024

- Created APIs for code compilation and execution, delivering real-time output with high accuracy.
- Integrated Monaco Editor, which improved the user experience and increased satisfaction.
- Added customizable editor themes, enhancing user customization options.
- Supported multiple programming languages, expanding the tool's usability to a broad user base.
- Implemented real-time syntax highlighting and error detection, reducing coding errors.

CERTIFICATIONS AND TRAINING

- **React Advanced**– Meta (Coursera)
- **IBM AI Developer Professional Certificate** – IBM (Coursera)
- **JavaScript** – University of California, Davis (Coursera)
- **Build AI Apps with ChatGPT, Dall-E, and GPT-4** from **Scrimba**
- **Software Engineering** – IBM (Coursera)
- **From the Big Bang to Dark Energy** – The University of Tokyo (Coursera)

ACHIEVEMENTS

- **NCC Cadet A Certificate Holder** – Demonstrated leadership, discipline, and commitment to national service as part of the National Cadet Corps (NCC).

LANGUAGE PROFICIENCY

- **Telugu:** Fluent (Writing and Speaking)
- **Hindi:** Fluent (Writing and Speaking)
- **English:** Fluent (Writing and Speaking)

CONTACT INFORMATION

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