Shanmuka rao Vangapandu

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Education

Lendi Institute of Technology and Engineering   Expected graduation date: March 2025

BTech in Computer Science and Systems Engineering   *GPA: 7.75*

Narayana Junior College   Graduation date: May 2020

Intermediate (MPC)   *Marks: 674*

Experience

Indian Severs   Dec. 2022 - Feb. 2023

Cyber Security Intern   *Network Security, Threat Detection, Cyber Threat Intelligence*

- Analyzed network traffic and identified potential threats using Palo Alto Networks' security tools.
- Researched emerging cyber threats and contributed to developing threat intelligence reports.
- Certificate 🔗

Salesforce Developer   Aug. 2023 - Oct. 2023

Developer Intern   *TrailHead, Apex, VisualForce*

- Showcased expertise in Lightning Web Components (LWC) development, crafting custom, responsive user interfaces, and optimizing performance through efficient code design.
- Certificate 🔗

Google Developers   Sep. 2023 - Nov. 2023

Android Developer Intern   *Java, Android Studio, Firebase, UI/UX Design*

- Developed and maintained Android applications using Java (Kotlin) and Android Studio.
- Integrated Firebase services for real-time database management and user authentication.
- Certificate 🔗

Projects

Movie Recomender   Feb. 2024 - March 2024

Genre based movie recommender   *Python, Pandas, scikit-learn, numpy, Git*

- Created a genre-based movie recommendation system in Python with pandas, scikit-learn, NumPy, and Streamlit, offering personalized suggestions via an interactive web interface.
- Utilized machine learning to analyze movie data, improving user engagement by delivering precise recommendations tailored to individual genre preferences.
- Github Link 🔗

MLEA(Multi Language Emergency Assistant)   May. 2023 - Aug. 2023

Developed an app and web-based solution using react and kotlin   *Python, React, Kotlin,PostgreSQL, Git*

- Development of a user-centric emergency contact platform with multilingual support, intuitive navigation, and clear instructions, prioritizing the safety of individuals living alone, especially those with language barriers
- Engineered location-based services and notification systems for prompt assistance while ensuring accessibility through features like voice commands
- Githublink 🔗

Stock-Price predictor   Oct. 2022 - Dec. 2022

stock prediction using ML   *Python, TensorFlow, Keras, Git*

- Developed a stock prediction web application utilizing LSTM models with Keras and TensorFlow, achieving forecasts for future price trends.
- Implemented data preprocessing, model training, and interactive visualization of predictions using Dash, enhancing user understanding and engagement.
- Github link 🔗

NOVA Home Automation [Sep. 2023] - [Nov. 2023]

IoT-based Home Automation System *Arduino, IoT, C++ Development, Git*

- Led the development of an IoT-based home automation system allowing control of electronic devices via a mobile application.
- Implemented various IoT protocols and technologies to facilitate seamless communication between the app and connected devices.

Achievements and Participation

INNO EXPO Feb. 2024

Participant

Won 4th place in INNO EXPO Challenge held at JNTUGV and selected for an internship at Viswavardhan Vyapara Pvt. Ltd

Smart India Hackathon Apr. 2023

Participant

Developed a Skin Disease Detection System to aid dermatologists in early diagnosis and treatment planning.

Hacktraid Season 1 Feb. 2024

Participant

Participated in an AI-focused hackathon, collaborating on innovative solutions for object Detection and language processing.

Engineer's Day PPT Presentation Competition Sep. 2022

Second Prize Winner

Secured second prize for delivering a comprehensive presentation on Machine Learning, emphasizing automation importance.

Skills and Certifications

Languages:

Python, C, SQL, HTML, CSS, JavaScript, Java

Technologies & Tools:

Flask, Django, Git, Linux, Docker, CI/CD, Reactjs, Nvim

Soft Skills:

Team Management, Time Management, Good Communication

Certifications:

Altair Rapid Mainer - Machine Learning Professional