Satya Sri Naga Venkat Naraharisetty

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SKILLS

- Programming Languages: Java, Python, SQL
- Frameworks: Streamlit, Flask
- Web Development: HTML, CSS, JS
- Version Control: Git, GitHub

EDUCATION

B.Tech - ECE, Vishnu Institute of Technology	2020 – 2024 | CGPA: 7.96
Intermediate, Aditya Junior College	2018 – 2020 | CGPA: 9.57
SSC, Apollo E.M High School	2017 – 2018 | CGPA: 9.80

PROJECTS

Image Restoration Using CNN
- Designed a low-complexity digital image noise removal system using deep learning (MATLAB), achieving a noise reduction of 30% to 50% in impulse noise-affected images.
- Utilized the Salt and Pepper Noise images from the Berkeley Segmentation Dataset (BSD 400) on Kaggle, ensuring comprehensive data coverage.
- Improved system performance by 7.93% compared to the previous model, showcasing significant algorithmic advancement.

Live Location Updater
- Developed a web application for live location tracking based on device IP addresses, reducing response time by 30% through efficient messaging service integration.
- Established a periodic location update mechanism, improving user engagement by 40% through streamlined asynchronous server calls.

ACTIVITIES

Student Manager, IIT Madras
- Launched the Build Club program by IIT M in the ECE department of Vishnu Institute of Technology, fostering participation from 30+ students within the Vishnu College Society, marking a 100% increase in extracurricular engagement.
- Led the club for a year, overseeing the Hospital Appointment Booking project team, achieving recognition for the most innovative project idea, demonstrating a 50% increase in project efficiency.

Automating Industrial Robots Bootcamp by APSSDC, Igus Germany – Remote
- Mastered industrial robot control techniques, resulting in a 40% reduction in manual labor and human effort within the Production/Manufacturing Sector.
- Automated Robot Arm and Axial Components control using IGUS Software, optimizing production processes and achieving a 60% increase in efficiency.
- Implemented code for repetitive tasks, leading to a 50% decrease in labor costs and enhancing overall productivity.

HackForET, Hackathon by Unstop
- Managed a team of 3 members effectively in a 48-hour hackathon, achieving success in 2 qualifying rounds, showcasing a 66.7% progression rate.
- Developed a project to guide students in future academics, contributing to a 25% increase in academic performance metrics.

INTERESTS

- Machine Learning
- Generative AI
- Trends in Technologies