

Srikar Nulu

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Summary

Final-year B.Tech student specializing in Information Technology with hands-on experience in AI/ML and Python programming. Proven ability to develop and deploy AI-powered solutions, as demonstrated by MediScan, a medical image analysis tool achieving 90% accuracy. Seeking opportunities to leverage my technical expertise and problem-solving skills in software development roles.

Education

Pragati Engineering College, Kakinada, India — B.Tech in Information Technology | Aug 2022 – Expected May 2025

- CGPA: 7.83/10
- Coursework: Operating Systems, Computer Networks, Object-Oriented Programming

Skills

Programming Languages: Python, SQL

Web Technologies: HTML, CSS

Libraries & Frameworks: Pandas, NumPy, Streamlit

Tools & IDEs: Visual Studio Code, PyCharm, Git, GitHub

Cloud Services: AWS

Projects

MediScan: AI-Powered Medical Image Analysis for Disease Diagnosis

- Tools and Libraries: Python, TensorFlow, Keras, OpenCV, Streamlit, Matplotlib, Seaborn
- Developed an AI-based eye disease detection system using MobileNetV2 and transfer learning, achieving 90% accuracy.
- Preprocessed and enhanced thousands of medical images using noise reduction and normalization techniques.
- Fine-tuned model hyperparameters to optimize performance and improve diagnostic accuracy.
- Designed an interactive, user-friendly front-end with Streamlit to visualize results for medical professionals.

Internships

Infosys Springboard Intern

Oct 2024 – Dec 2024

- Developed and deployed MediScan, an AI-powered medical image analysis tool, as part of the internship.
- Gained hands-on experience in AI/ML model development, image processing, and deployment techniques.
- Applied advanced concepts in medical image analysis and disease detection using real-world datasets.
- Strengthened skills in Python, Streamlit, and cloud-based deployment through collaborative development.

Certifications

- Salesforce Certified AI Associate

Achievements

- Awarded a Rs. 25,000 scholarship by North South Foundation for ranking in the top 0.5% out of 40,000+ candidates in the ECET examination.
- Won first place in the Code Maze competition at Strides, outshining 250+ participants from Pragati Engineering College and surrounding institutions.

Hobbies

- Playing sports like cricket and badminton
- Listening to music across various genres