

Yellanki Ekantha Sai Sundar

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EXPERIENCE

Software Developer Intern

First Demat

August 2025 – Present, Hyderabad, India

- 1) Experience on high-impact and real-world projects in stock trading and financial technology.
- 2) Exposure to scalable architecture, AI/ML-powered features, and secure micro services.
- 3) Exposure to deployment of AI/ML architectures in real time.

Software Development Intern

Platform 3 Solutions

May 2025 – Present, Siruseri, Tamil Nadu

- 1) Developing and maintaining web applications using front-end and back-end technologies.
- 2) Assisting software development, debugging and testing-Working with Databases, APIs, and cloud services for application development.
- 3) Working on Natural Language Processing and its applications.

Software Engineer Intern

Raneso

April 2025 – July 2025, Ranchi, Jharkhand

- 1) Developing and maintaining web applications using front-end and back-end technologies.
- 2) Assisting in software development, debugging, and testing.Collaborating with cross-functional teams to design and implement technical solutions.
- 3) Working with databases, APIs, and cloud services to support application development.Participating in team meetings, brainstorming sessions, and code reviews.Documenting and reporting progress regularly to the assigned mentor.

PROJECT

Ensemble Approach for Blood Vessel Segmentation in Retinal Images

Advanced Academic Center • May 2025 – July 2025

- 1) Combined U-Net and SegNet Deep Learning Architectures for enhancing blood vessel segmentation in images.
- 2) The ensemble model achieved an accuracy of 0.97021.
- 3) Accepted for paper presentation at the 4th International Conference on Intelligent Systems and Sustainable Computing (ICISSC – 2024).

Autonomous Car Driving Simulation

Gokaraju Rangaraju Institute of Engineering and Technology • January 2024 – May 2025

- 1) Developed an autonomous car driving simulator using Udacity and CNN.
- 2) Demonstrated the feasibility of CNN for autonomous driving simulation, highlighting its effectiveness.
- 3) Showcases how CNN based approaches can provide efficient alternatives for autonomous vehicle simulation.

Attendance Management System

Advanced Academic Center • February 2024 – July 2024

- 1) We extracted features of saved images, and comparing them to live feed. This process proved to be computationally less expensive.
- 2) Firebase stores the data during the live run of implementation. At the end of the day, cron-job for automation.
- 3) Spring Boot Micro Services to create an API in Postman for getting, putting, and changing the data in database.

EDUCATION

Bachelor of Technology

Gokaraju Rangaraju Institute of Engineering and Technology • Hyderabad, Telangana • 2026 • 9.1

CERTIFICATIONS

Data Analytics for Engineers

NPTEL • 2025

Data Science for Engineers

NPTEL • 2024

INVOLVEMENT

Campus Advancement Program Lead

Gokaraju Rangaraju Institute of Engineering Technology • Advanced Academic Center • August 2024 – Present

Machine Learning Mentor

Arizona State University • Freelance • January 2024 – January 2025

Assistant Manager to Training and Development

Gokaraju Rangaraju Institute of Engineering and Technology • Advanced Academic Center • September 2023 – August 2024

SKILLS

Languages: Java, Python

Technology: Springboot, Machine Learning, Artificial Intelligence, Java Development

Databases: MySQL, PostgreSQL, Firebase
