

Sri Charan Thoutam

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Education

Ganapathy Engineering College Sept 2021 - July 2024
B.Tech in Computer Science and Engineering (AI & ML)

- GPA: 7.01/10.0
- **Coursework:** Data Structures, Algorithms, Machine Learning, Deep Learning

Skills

Languages: Java, Python, SQL

Technologies: AWS (EC2, ECR, S3), React, Node js, Docker, GitHub Actions, Kubernetes (minikube, kubectl), FastAPI, Flask, Streamlit, Git

Experience

Dev Intern Remote
[Zemoso Technologies](#) [🔗](#) July 2025 – April 2026

- Worked on real-world projects, gaining hands-on experience in software development, generative ai and cloud technologies.
- Contributed to improving internal tools and workflows.

Associate Software Engineer (ASE) Remote
[Zemoso Technologies](#) [🔗](#) April 2026 – Present

- Joined as a full-time ASE.

Projects

Awesome LLM Apps — Open-Source Contribution - [GitHub](#) [🔗](#) Jan 2025 - Present

- Contributing to a collection of awesome LLM apps with AI Agents and RAG using OpenAI, Gemini, Anthropic and other opensource models.

MNIST Digits Recognition — Personal Project (50 hours) - [GitHub](#) [🔗](#) March 2025 - March 2025

- This project focuses on recognizing handwritten digits using a deep learning model trained on the MNIST dataset. The model is deployed as a REST API using FastAPI, packaged into a Docker container and orchestrated using Kubernetes for scalable deployment. The API allows users to upload digit images and receive predictions in real time.

Diamond Price Prediction — Internship Project (80 hours) - [GitHub](#) [🔗](#) Oct 2024 - Oct 2024

- Developed a machine learning model to predict diamond prices. Automated a pipeline with stages for Data Ingestion, Validation, Transformation, Training and Evaluation. Set up a DAGsHub Registry for MLFlow Experiment Tracking and Model Versioning. Deployed the app on AWS EC2 for production use.

Publications & Achievements

Evolution of Language Representation Techniques [Read Article](#) [🔗](#)
A Journey from BoW to GPT Nov 5, 2024

Hacking the System Design [Read Article](#) [🔗](#)
How Search Engines Understand and Deliver Results Oct 28, 2024

Earned 5 stars in both Python and SQL on HackerRank [HackerRank Profile](#) [🔗](#)

Solved 130+ problems on LeetCode [LeetCode Profile](#) [🔗](#)