

Munaga Venkata Naga CharanJeet

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Professional Summary

AI/ML-focused Computer Science undergraduate (CGPA 9.14/10.0) with hands-on experience building ML applications and current AI Intern experience at Mentyscope, a NIRMAN Pre-Incubator startup at IIT Madras. Skilled in Python, ML pipelines, and full-stack web development, with proven leadership in technical student communities and a strong foundation in data structures and algorithms.

Education

SRM Institute of Science and Technology (SRMIST KTR)

2024 – 2028 (Expected)

B.Tech, Computer Science Engineering – AI & Machine Learning

CGPA: 9.14 / 10.0

Experience

AI Intern

June 2026 – Present

Mentyscope, NIRMAN Pre-Incubator, IIT Madras

Remote

- Contributing to the development of AI-driven product features as part of a startup incubated under the NIRMAN Pre-Incubator program at IIT Madras.
- Collaborating with a cross-functional founding team on product experimentation, feature prototyping, and applying ML/AI concepts to real-world problem solving.

Projects

AI Disease Prediction System | *Python, Scikit-learn, Pandas, Streamlit, Matplotlib*

- Engineered a symptom-based, multi-class disease prediction system using supervised classifiers (Decision Tree, Random Forest) to diagnose 40+ diseases from user-reported symptoms.
- Designed an end-to-end ML pipeline: data ingestion, null-value handling, label encoding, train-test splitting, and hyperparameter tuning to optimize performance.
- Built an interactive Streamlit app for real-time predictions with confidence scores, plus Matplotlib visualizations for feature importance and prediction probabilities.

Smart Bharat | *Next.js, TypeScript, Artificial Intelligence, PostgreSQL (Under Active Development)*

- Architecting an AI-powered civic-tech platform to bridge the communication gap between citizens and government through intelligent issue reporting and assistance.
- Building the application with Next.js and TypeScript on the frontend and PostgreSQL for structured, scalable data storage, with AI integrated to streamline issue submission and categorization.

Leadership & Community Involvement

Board Member, ACM-W Student Chapter – SRMIST KTR: Coordinated outreach for technical workshops and coding events supporting 100+ active members; mentored peers on certifications and project development.

Member, SRM Insider (AI/ML Domain) & Committee Member, Designathon – Contributed to AI/ML knowledge-sharing initiatives and supported planning of a campus-wide design event.

Volunteer, Make-A-Thon & Code for Her – Assisted in organizing a hackathon and a coding initiative promoting women's participation in tech.

Technical Skills

Programming Languages: Python, Java, JavaScript, SQL

AI/ML: Machine Learning, Scikit-learn, Pandas, NumPy, Prompt Engineering, Feature Engineering, Model Evaluation

Web Development: HTML5, CSS3, React, Next.js, Node.js, REST APIs

Databases: PostgreSQL, MongoDB, MySQL

Tools & Platforms: Git, GitHub, VS Code, Vercel, Jupyter Notebook, Google Colab

Core Concepts: Object-Oriented Programming, Data Structures & Algorithms, ML Pipelines

Certifications & Achievements

Programming in Java – NPTEL, IIT Kharagpur (Elite + Silver, 75%) – Jan–Apr 2025

Fundamentals of Object-Oriented Programming – NPTEL, IIT Roorkee (Elite) – 2025

Awarded a merit scholarship of Rs. 1,20,000 toward SRM University tuition fees; maintaining a CGPA of 9.14/10.0.

Achieved 5-Star rating in Python on HackerRank.

Interests

Artificial Intelligence • Machine Learning • AI Engineering • Large Language Models • Modern Web Development • AI for Education