

IRUKUVAJJULA SAI NIHIL

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EDUCATION

VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY

B. Tech in Artificial Intelligence and Data Science

Sep 2023 - May 2027

Visakhapatnam, India

CGPA:8.6/10

SKILLS SUMMARY

- **Languages:** C, Python, MySQL, HTML, CSS
- **Libraries & Frameworks:** Sci-kit learn, NumPy, Pandas, Flask, Matplotlib, PyGame
- **Tools & Platforms:** VS code, GitHub, Git, MS Word, PyCharm, FireBase, Google Colab
- **ML & DL:** Supervised Learning, Unsupervised, Reinforcement, LLMs, NLP
- **Soft Skills:** Public Speaking, Leadership, Team management, Self-learning, Problem Solving, Presentation

WORK EXPERIENCE

Machine Learning Internship-NPTEL 2025

Jan 2025 -Apr 2025

ML Intern | (IIT Madras)

- Machine Learning, Deep Learning models and Neural Networks

Micro Information Technology Services - 2025

June 2025

AI&ML Intern | (Micro IT services, Ambala, Haryana)

Unified Mentor - 2025

May 2025 -July 2025

Data Science Intern

- Machine Learning models and Data Analysis

PROJECTS

Uber Trip Analysis and Prediction

- Predicting model for the Uber Trip data and Visual representation of the trips dataset of Uber Rides from the year 2015.

Regulatory affairs of Road accidents Data Analysis and Prediction

- Predicting model for the Road Accidents data and Visual representation of the dataset of 50+ cities and categories.

Personalized Healthcare Recommendations

- Develop a machine learning model that provides tailored healthcare recommendations based on individual patient data.

Cybersecurity: Suspicious Web threat Interactions

- Developing ML models to detect unusual behaviour in web traffic.

Qubit-visualizer

- A working visual simulator to understand the quantum

CERTIFICATEs and ACHIEVEMENTS

- Quantum Valley Hackathon Semi-finalist, sponsor prize winner.
- Ignite Hack 8hours coding hackathon 3rd prize winner.
- **Palo Alto:** Python, Introduction to AI.
- **NPTEL:** Machine Learning by IIT Madras
- **CISCO Network Academy:** Data science.