ARPAN TIWARI

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Education

Sreyas Institute of Engineering and Technology — Hyderabad
Bachelor of Technology in Computer Science - CGPA: 7.27/10   Nov 2021 – Jun 2025

Experience

ML Intern — Jan 2024 – May 2024
iHub@iiith — Hyderabad, On-site

- During my internship, I was actively involved in a range of projects that provided extensive experience in the field of machine learning and artificial intelligence. One of the key areas of focus was fine-tuning large language models (LLMs), where I had the opportunity to delve into the intricacies of model training, optimization, and evaluation. This experience allowed me to develop a deep understanding of the methodologies and techniques required to enhance the performance and accuracy of these models.

Product Developer — Jan 2022 – June 2022
innovatiohub — Hyderabad, Onsite

- During my internship at Innovation Hub, I had the opportunity to work on an exciting project aimed at developing a window cleaning robot. This project involved a multidisciplinary approach, combining aspects of mechanical engineering, electronics, and software development to create a functional and efficient automated solution for window cleaning.

Certifications

Student training program on AI/ML
iHub@iiith

The course is a comprehensive 50-week program designed to delve into every concept of machine learning. It places a strong emphasis on understanding the underlying mechanisms rather than merely focusing on implementation.

Workshops

ACM workshop ROCS @IIT Hyderabad

It was a one-day workshop demonstrating work at IITH across multiple domains in the field of Computer Science.

Projects:

MedPredict :

- Developed a machine learning model to predict hospital readmissions using patient data. This project involved data preprocessing, exploratory data analysis (EDA), feature engineering, and model evaluation. Key aspects included handling missing values, encoding categorical variables, and normalizing numerical features.
- **Libraries used :** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

Technical Skills

Languages : Python, C++, C

Others : Git, Github, Mysql, Tensorflow, Keras, NLTK, Docker