Sailesh Aman Dola

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Links

- GitHub **SaileshAman**
- Linkedin **SaileshAmanDola**
- Codeforces **ficklemind__**
- LeetCode **saileshaman**

Education

VELLORE INSTITUTE OF TECHNOLOGY
BTech CSE with Spl in AI & ML
📅 June 2024   📍 Chennai, India
CGPA: 9.15/10

SRI VISWASANTHI EDUCATIONAL INSTITUTIONS
Intermediate
📅 May 2020   📍 Vuyyuru, India
CGPA: 10/10

JUBILEE HILLS PUBLIC SCHOOL
Secondary School
📅 March 2018   📍 Hyderabad, India
Percentage: 92.2%

Coursework

- Deep Learning: Principles and Practices
- Object Oriented Programming
- Data Structure and Algorithms
- Database Management Systems
- Networks and Communications
- Computer Architecture and Organisation
- Operating Systems
- Internet and Web Programming

Skills

PROGRAMMING
Python • C/C++ • Java • HTML/CSS • TypeScript • PHP • MATLAB • R

FRAMEWORKS & LIBRARIES
Langchain • Llama-Index • Tensorflow • PyTorch • OpenCV • Django

DATABASES
MySQL • MongoDB • ChromaDB

GIT

PROMPT ENGINEERING

SALESFORCE

Scholastic Achievements

- Secured 97.19 Percentile in JEE Mains
- ACM-ICPC (2020-2021): Participated in the Preliminary Round Secured a rank of 2290 out of 3200
- Codeforces Highest Rating: 995

Experience

DATA SCIENCE INTERN
Genpact
📅 Jan 2024 – Current   📍 Bengaluru, India

- Leveraging Retrival Augmented Generation (RAG) to build context-aware LLM agents
- Built basic RAG implementations in Langchain & Llama-Index
- Utilized Prompt Engineering to fine-tune the queries

Projects

MEETING TRANSCRIPT SUMMARISATION
Dataset Link 🔗
Python · PyTorch · Transformers · HuggingFace

Fine-tuned T5 Model to summarise Meeting Transcripts leveraging transformers, datasets & evaluate libraries of Hugging Face.

ROAD EXTRACTION FROM SATELLITE IMAGES
Dataset Link 🔗
Python · Tensorflow · OpenCV · Pillow

Using a Auto-Encoder to identify the road from different geographical images. This models showcases the basic Google Maps Road Recognition Model.

VROOM
GitHub Link 🔗
HTML · CSS · MySQL · PHP · JavaScript

A website that lets people book repair for their vehicles with ease. The vehicle owners can also organise timely checkups, the website helps them to connect to experienced mechanics.

Positions of Responsibilities

DATA SCIENCE DEPARTMENT LEAD
Hack Club VITCC

- Created a learning experience for ML enthusiasts in the club and provided them challenging projects.
- Collaborated with other departments of the club to organise and manage technical as well as non-technical events.

Certifications

- Salesforce Development Cloud Trailhead Badges (2023)
- IBM Artificial Intelligence Analyst (2023)
- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning (2022)