



EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. (AIDS)	INDIAN INSTITUTE OF TECHNOLOGY, JODHPUR	8.56 (Dept. Rank 4)	2022 - 2026
Senior Secondary	CGBSE Board	81.0%	2022
Secondary	CBSE Board	93.2%	2020

EXPERIENCE

- **Artificial Intelligence Engineering Internship**

Mindflix AI (Website)

May 2025 – June 2025

– Finetuned visual dubbing and voice cloning open-sourced models on Indian language datasets.

– Created a complete data curation pipeline to collect data in local Indian languages.

– Supported creation of end to end pipeline using AWS services and trained models for commercial purposes.
- **Software Engineering Internship**

DRPCRD Corp.

January 2025 - April 2025
LONDON(Remote)

– Finetuned a LLM model to built a parsing and QnA specialized chat bot.

– Built a robust, end to Pipeline using PostgreSQL, Vector Database, Docker Images, Github CI/CD actions and FastAPI and deployed it into production.

PROJECTS

- **IMAGE SEARCH APP using Retrieval Augmented Generation**

GITHUB

– Built an end-to-end Image Search and Caption Generation system with FastAPI, Streamlit, Pinecone VectorDB.

– Developed scalable APIs for image uploads, captioning, and embedding-based retrieval with OOP principles.

– Created a demo notebook for seamless deployment, API interactions, and backend operations.
- **LlamaLawyer: Llama based chat bot specialized in Indian law and services**

GITHUB

– Developed a Llama based chat bot to help people solve their general Law queries along with PDF reader feature.

– Fine-tuned Llama 70B via PEFT (rank=4, alpha=16) on 2.5K Indian law queries for chatbot inference.

– Undergoing cloud and website based implementation and further experiments with models and ranks.
- **Sentiment Analysis Software**

GITHUB

– Built a sentiment analysis model trained on kaggle dataset of 100,000 tweets, classifying emotional tone.

– Parallel ensemble implementation of 5 classifiers and achieved accuracy of 81% in test dataset.

– Website implementation along with real time analysis of user given statement and prediction.

KEY COURSES TAKEN

- Dependable AI •Data Structures and Algorithms •Data Engineering •Deep Learning
- Operating Systems •Computer Networks •Artificial Intelligence - (A) •Design and Analysis of Algorithms
- Pattern Recognition&Machine Learning -(A-) •Mathematics for Computing •Human Machine Interaction - (A-)
- Probability Statistics and Stochastic Process -(A-) •Linear Algebra - (A) •Data Visualization - (A)

TECHNICAL SKILLS

- **Programming Languages** – Python, C/C++, JavaScript, HTML, CSS, SQL (MySQL, PostgreSQL)
- **Data Structures & Algorithms** – Graph Theory, Object-Oriented Programming, Advanced Algorithms
- **Machine Learning & AI** – Deep Learning, NLP, Computer Vision, Generative Models, Transformers, LLMs, PEFT, Data Pipelines, Dependable AI
- **Frameworks & Libraries** – PyTorch, HuggingFace Transformers, Scikit-learn, NumPy, Pandas, OpenCV
- **DevOps & Tools** – Docker, GitHub Actions, FastAPI, Streamlit, React.js, AWS (S3, Lambda, EC2, ECR, RDS), WireShark, Pinecone, PG Vector

ACHIEVEMENTS

- Selected in **AMAZON ML SUMMER SCHOOL 2024** among the 60,000 applicants.
- JEE Advance **AIR - 6166.** among 1 Million applicants.
- CodeChef Rating- 1461 (Starters 141- Global rank 711).
- Leetcode- More than 350 DSA based problems solved on the platform.

POSITIONS OF RESPONSIBILITY

- **TEDx IITJ Marketing Head** Led marketing team for TEDx IITJ. Raised and managed 2.5 Lakhs in sponsorships.
- **Informal Events Assistant Head** IGNUS IIT Jodhpur.