

Aryaman Tiwari

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EDUCATION

- Jaypee University of Information Technology** Solan, HP
BTech in Computer Science; CGPA: 7.7 Sep. 2021 – Jun. 2025

EXPERIENCE

- Advanced Technology and Research Innovation Group** London (Remote), UK
Machine Learning and Artificial Intelligence Intern [OpenAI, Azure, Langchain,NLP] Apr 2024 - Jun 2024
 - Custom Chatbots:** Developing custom chatbots using **OpenAI**, **Azure**, and **Langchain** technologies, specifically tailored for legal advisory services.
 - Model Fine-Tuning:** Enhancing **AI** models through **fine-tuning** techniques to meet specific requirements of the legal sector.
 - Large Language Models (LLMs):** Working with state-of-the-art large language models to develop and refine **AI-driven tools** for advanced **natural language processing** and understanding in legal applications.
- Scalligent Technologies Private Limited** Mumbai (Remote), India
Machine Learning Intern [OCR, Flask, FastAPI, LLD, AWS] Dec 2023 - Apr 2024
 - Optical Character Recognition:** Enhanced **OCR** accuracy for Aadhar masking and text extraction, improving information handling.
 - Computer Vision:** Utilized **OpenCV** for face meshing and feature tracking in computer vision applications.
 - Machine Learning:** Developed **YOLO** and **CNN** models for advanced object detection and algorithm optimization.
 - Model Deployment:** Deployed machine learning models using **Flask** and **FastAPI**, enhancing web interface efficiency for user interactions.
- Saint Louis University** Missouri(Remote),USA
Data Analyst Intern [Python, Analytics, PowerBI] Jul 2023 – Aug 2023
 - Spearheaded data-driven analysis to identify underperforming campaigns, leveraging **data visualization** tools and techniques, resulting in a **30 percent** increase in conversion rates and a **25 percent** boost in overall marketing effectiveness.

PROJECTS

- Secure-Ekyc:** Developed a secure **e-KYC system** for the financial sector. The system utilizes **deep learning** for robust identity verification through **Aadhar** integration, prioritizing data security and user privacy. It offers a user-friendly experience with intuitive interfaces, streamlining the onboarding process for demat accounts and banking services.
- Analysing FACEBOOK Campaign:** Conducted data-driven analysis of Facebook campaigns to identify underperforming initiatives Utilizing **Python**, **Pandas**, **Matplotlib**, and **Seaborn** to visualize and deliver actionable insights to inform strategic decisions, enhance resource allocation, and optimize overall marketing efficacy.

PROGRAMMING SKILLS

- Languages:** Python, C/C++, Javascript, HTML/CSS,
- Technologies/Frameworks:** Numpy, Pandas, Mathplot, Seaborn, Sckit, Keras, TensorFlow, OCR, CV2, Flask, FastAPI, Rest APIs, LangChain, RAG
- Others:** Linux, Microsoft Office, Git, GitHub, Jupyter Notebook, SQL, FireBase, Visual Studio, Tableau, OpenAI, AzureAI

HONORS/ACHIEVEMENTS

- CAMPUS AMBASSADOR @EDC IIT DELHI:** As a Campus Ambassador, interact with renowned entrepreneurs and industry professionals, strengthen networks, and gain insight into the operations of a **top-tier Ecell**.
- IEEE-HACKATHON:** Placed **3rd** out of 200 participants by developing a Website to control, crime in a country like Venezuela