

Hardik Arora

Agra, Uttar Pradesh | hardikarora483@gmail.com | 9997859116 | Personal-Portfolio | Linkedin | Github

Objective

Aspiring AI/ML Engineer with a solid CS foundation and hands-on experience in building and deploying ML models. Passionate about applying AI to real-world, scalable solutions.

Education

GLA University, Mathura, Bachelor's Degree - Btech.CSE(AI ML), GPA: 7.71	Aug 2022 – May 2026
Baluni Public School, Agra, Intermediate, Percentage : 82.2%	Mar 2022
St.Peter's College, Agra, High School, Percentage : 75%	Mar 2020

Experience

Software Engineer Intern, Material Lab – Bengaluru, Karnataka : (Link)	Jun 2025 – Present
<ul style="list-style-type: none">Customized the open-source Mastodon codebase for Troupex, a social platform for the media and entertainment industry, using Docker and microservices to modularize and deploy the platform.Built a WhatsApp chatbot for GTM and onboarding using the Twilio API, enabling proactive user engagement.	
AI Engineer Intern, YantraPragya – Noida, Uttar Pradesh : (Link)	May 2025 – July 2025
<ul style="list-style-type: none">Automated the extraction and structuring of pathology reports (CBC, LFT, etc.) from PDFs using Python, Pandas, NLTK, Regex, enabling clean JSON and Excel outputs.Developed a U-Net-based dental segmentation model to detect gum infections and dental issues from clinical images using TensorFlow, OpenCV.	

Projects

Smart Attendance Management System – AI-Based Face Recognition App : (Link)	Dec 2024 – Feb 2025
<ul style="list-style-type: none">Designed and implemented an AI-powered attendance system using Python, Flask, and Face Recognition, featuring a user-friendly web interface built with HTML/CSS, Bootstrap, and a secure SQLite database—automating attendance with 95% accuracy.Integrated real-time face recognition using OpenCV and Dlib for multi-face detection during live sessions.	
AI-Powered Personal Finance & Investment Assistant (Fincai) : (Link)	Jun 2025 – Ongoing
<ul style="list-style-type: none">Built an AI-driven web app to help users track expenses, budget, and manage investments, integrating ML models for personalized financial insights and real-time recommendations.Designed a secure, intuitive dashboard using ReactJS and NextJS to visualize financial data and enhance user experience.	

Technologies

Languages: Python, Java, C, C++, JavaScript, SQL

Data Science & Analytics: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, PyTorch, PowerBI

AI/ML: OpenAI API, Hugging Face Transformers, LangChain, AutoGPT, PyCaret, NLTK, Tesseract OCR

Web Development: ReactJS, Redux, NextJS, NodeJS, ExpressJS, Flask, FastAPI, MongoDB, TailwindCSS

Achievements

Winner (1st Place), Data Dash – Tech Navya 2025 (Feb 2025): Built a Power BI-based Amazon Sales Dashboard with real-time analytics, inventory forecasting, and shipment tracking. [\[Link\]](#)

3rd Prize, Technical Paper – IBM ICE Day 2024 (Mar 2024): Secured Bronze Medal for presenting *Voice Alchemy by AI*, exploring AI-driven voice generation. [\[Link\]](#)