Aditya Malik

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EDUCATION

Vivekananda Institute of Professional Studies - Technical Campus, New Delhi   *Nov 2021 – Jun 2025*
B.Tech in Artificial Intelligence & Machine Learning | CGPA: 8.48

Kamal Model Sr Sec School, New Delhi   *Apr 2021*
Higher Secondary Certificate

TECHNICAL SKILLS

- **AI / ML:** Python, TensorFlow, Scikit-learn, Keras, OpenCV, Deep Learning, NLP (NLTK), Stable Diffusion, OpenAI API, Data Analytics, Visualization

- **Full Stack:** Flask, FastAPI, React, Vite, TailwindCSS, shadcn/ui, Supabase, Firebase, MERN, Node.js, Express.js, HTML, CSS

- **Tools & Platforms:** Git, MongoDB, Postman, VS Code, Jupyter, Google Colab, Docker (Basics), OpenRouter.ai, Google Studio AI, yupp.ai

EXPERIENCE

AI Engineer & Full Stack Python Developer Intern, InStyle Retail Inc   *Aug 2025 – Present*

- Developed and deployed **AI Dress Studio** — an AI-powered fashion-tech platform for pattern generation, outfit visualization, color detection, and body measurements using Stable Diffusion, OpenCV and OpenAI APIs.

- Built automated reporting pipelines and designed a full-stack, production-ready web platform using **Flask, React, and Supabase** for real-time data handling and AI integration.

Tech: Flask, React, Supabase, Stable Diffusion, OpenCV, Streamlit, render , OpenAI.

Freelance AI Automation & Full Stack Developer (Part-Time), Fiverr   *Aug 2024 – Present*

- Built AI-powered Flask web apps, chatbots, and workflow automation tools for global clients on Fiverr.

- Integrated **OpenAI, Hugging Face, and Supabase APIs** to automate business processes and deploy intelligent systems.

Tech: Flask, FastAPI, OpenAI, Hugging Face, Supabase.

IBM SkillsBuild Data Analytics Intern   *Jun 2024 – Aug 2024*

- Performed data analysis & visualization using Python, Pandas, and Matplotlib. Built dashboards improving insights by 40%.

Tech: Python, Pandas, NumPy, Matplotlib.

Summer Training — MERN Stack, Brain Mentors Pvt Ltd   *Jul 2023 – Aug 2023*

- Built and deployed full-stack web apps using MERN stack (MongoDB, Express, React, Node.js) with REST APIs.

Tech: MERN (MongoDB, Express, React, Node.js).

PROJECTS

- **AI Dress Studio:** Fashion-tech AI platform for pattern generation, outfit visualization, color detection, and measurements.
  Tech: Flask, React, Supabase, Stable Diffusion, OpenCV, OpenAI. [Demo]

- **Gesture Controlled Presentation System:** ML-based gesture recognition for slide control.
  Tech: Python, OpenCV, TensorFlow, Flask. [GitHub]

- **Credit Card Fraud Detection:** 96.3% accuracy using Logistic Regression & Random Forest.
  Tech: Python, Scikit-learn. [Drive]

- **Crop Yield Prediction:** Forecasts agricultural yield using climate data.
  Tech: TensorFlow, Scikit-learn. [Drive]

PUBLICATION

- **Unmasking Illusions:** Comprehensive study of image forgery techniques and countermeasures in deepfakes.
  Presented at "Recent Advances in Sustainable Engineering and Future Technologies 2023." [Paper]

CERTIFICATIONS

- Data Analytics — IBM SkillsBuild

- MERN Stack — Brain Mentors Pvt. Ltd.