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 and Machine Learning, CGPA: 8.48
- **Kamal Model Sr Sec School**, New Delhi — Apr 2021
  Higher Secondary Certificate

SKILLS SUMMARY

- **Languages:** Python
- **AI/ML:** TensorFlow, Scikit-learn, Keras, OpenCV, Deep Learning, NLP
- **Data:** Pandas, NumPy, Data Analytics, Data Visualization (Matplotlib, Seaborn)
- **Full Stack:** Flask, FastAPI, React, Vite, TailwindCSS, Supabase, MERN Stack, Node.js, Firebase
- **Tools:** Git, MongoDB, Postman, VS Code, Jupyter, Google Colab

EXPERIENCE

- **Full Stack Python Developer & AI/ML Intern, InStyle Retail Inc** — Aug 2025 – Present
  Built automated reporting pipelines and currently developing **AI Dress Studio** — an AI-powered fashion-tech platform. Tech: Python, Flask, FastAPI, React, Supabase, OpenCV, TensorFlow, OpenAI.
- **Freelancer — Full Stack Python Developer & Workflow Automation, Fiverr** — Oct 2024 – Present
  Delivered Flask + React apps, database/API integrations, and workflow automation scripts. Gigs: Full Stack Python Developer — Automated Workflow Solutions.
- **IBM SkillsBuild Data Analytics Intern** — Jun 2024 – Aug 2024
  Analyzed large datasets, created dashboards, and visualizations using Python, Pandas, NumPy, Matplotlib.
- **Summer Training — MERN Stack, Brain Mentors Pvt Ltd** — Jul 2023 – Aug 2023
  Gained experience building web apps with MongoDB, Express, React, Node.js.

PROJECTS

- **AI Dress Studio (Ongoing):** Fashion-tech AI platform for pattern generation, outfit visualization, and body measurement. Tech: Flask, React, Supabase, Stable Diffusion, OpenCV, OpenAI. Preview Link
- **Gesture Controlled Presentation System:** Hands-free slide control using ML + CV. Tech: Python, OpenCV, TensorFlow, Flask, React. GitHub
- **Credit Card Fraud Detection:** ML model with 96.3% accuracy using Logistic Regression + Random Forest. Tech: Python, Scikit-learn. GitHub
- **Crop Yield Prediction:** AI model forecasting agriculture using climate data. Tech: TensorFlow, Scikit-learn. Drive
- **Notes App:** Real-time notes app with React + Firebase. GitHub

PUBLICATIONS

- **Unmasking Illusions: A Comprehensive Study of Image Forgery Techniques and Countermeasures in the Era of Deep Fakes.** Presented at "Recent Advances in Sustainable Engineering and Future Technologies 2023". Link

CERTIFICATIONS

- Industrial Visit on Network Bulls
- MERN Stack - Brain Mentor Pvt. Ltd.
- Data Analytics - IBM SkillsBuild
- Cyber Security (Web Hacking) - IFACET IITK