

# Aditya Amit Hawaldar

B.Tech Student (AI & Data Science)

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## Summary

B.Tech student in Artificial Intelligence & Data Science with strong hands-on experience in AI-driven application development and data-centric problem solving. Proficient in Python, Machine Learning, and modern web technologies, with practical exposure to full-stack systems, model integration, and real-world deployment. Highly interested in FinTech applications, particularly in market analytics, trading systems, and data-driven financial intelligence, with a focus on building scalable, intelligent solutions.

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## Technical Skills

- **Frontend:** HTML5, CSS3, JavaScript , Tailwind CSS, React.js, Next.js, Responsive UI Design
  - **Backend:** Node.js, Express.js, REST APIs, Authentication, Supabase (Auth, Storage, Realtime APIs)
  - **Database:** MongoDB (NoSQL), MySQL (SQL),Supabase (PostgreSQL), Database Design & Query Optimization
  - **AI & Data Science:** Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, LLMs, Vector Databases, Tensorflow, Keras
  - **Tools & Other:** Git, GitHub, Figma ,VS Code, Vercel, Expo
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## Projects

**APEX Trade AI (Multi Asset Market Intelligence System) | Python, LLMs, Market APIs**

- Developed an AI assisted market intelligence system supporting XAUUSD, USDJPY, GBPUSD, and EURUSD, designed to aid high-confidence trade decision-making through macro sentiment analysis, price behavior evaluation, and disciplined risk logic.
- Implemented a bias-validation and scenario-analysis layer that interprets USD-driven macroeconomic events and market context, helping maintain consistency and rule-based execution across multiple instruments under funded-account constraints.

### **MetaLearn AI (AI-Powered Learning Platform – PWA) | React.js, Next.js, Supabase, LLMs**

- Designed and developed a concept-stage AI powered learning platform focused on optimizing quality of focus and personalized learning flow using a modern PWA architecture, enabling seamless use across web and mobile devices.
- Integrated session based learning logic, authentication, user profiles, and AI assisted insights, emphasizing UX first design, scalable frontend-backend coordination, and cross platform deployment via browser based installation.

### **AI Feedback Analysis System | Next.js, Python, Express.js, Transformer Models**

- Engineered an AI powered analyzer using Transformer Models for sentiment and topic classification across over 500 pieces of feedback .
- Automated the generation of instructor-wise reports and interactive dashboards, reducing manual data processing time by an estimated 80% .

### **AI Virtual Try On Clothing System | React.js, Python, Computer Vision, Supabase**

- Built an AI powered virtual try-on application enabling users to preview clothing items using image based inference and real time rendering.
  - Integrated backend services for user authentication and image storage, delivering an interactive, end to end fashion tech experience with seamless frontend AI pipeline integration.
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## **Education**

**2023 – 2027 | B.Tech. in Artificial Intelligence and Data Science** Government College of Engineering, Kolhapur

- **Expected Graduation:** 2027
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## **Certifications & Competitions**

- **Hackathon 2025:** Received a Token of Appreciation for innovative implementation of the AI Feedback Analysis System .
- **YBI foundation : (Generative AI Certification)** Hands-on training in LLMs, prompt engineering, and applied generative AI use cases.