

# FARHAN HAROON

## AI Engineer & Full-Stack Developer

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### SUMMARY

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I'm an AI student at MAJU currently doing my bachelors in AI. Before starting my degree I was already building — full-stack web apps, Flutter mobile apps, and real startup products. Right now I'm learning AI properly while still shipping things on the side. I've built projects across web, mobile, and AI and I also run my own clothing brand. I like to stay hands-on and learn by doing rather than just studying theory.

### PROJECTS

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#### SaathChalo — Carpooling Startup 2026

*Founder & Developer*

- Founded a carpooling platform responding to rising fuel prices in Pakistan, connecting daily commuters to share rides and cut travel costs.
- Built a cross-platform Flutter mobile app with Firebase Auth, Firestore real-time database, and role-based passenger/driver flows.
- Developed a companion web app enabling browser-based ride booking and account management.
- Stack: Flutter, Firebase (Auth + Firestore), Dart, HTML/CSS/JS.

#### MedFlow — Clinic Management SaaS 2025

*Personal Project*

- Built a full-stack clinic management platform targeting Pakistani private clinics, digitising patient records and appointment workflows.
- Implemented role-based dashboards for Admin, Doctor, Receptionist, and Patient with distinct permissions and views.
- Integrated Gemini AI for clinical report generation and automated prescription PDF export.
- Stack: React, Node.js, Express, MongoDB Atlas, Gemini AI, Vercel, Render.

#### StockPilot — E-Commerce Management SaaS 2025

*Personal Project*

- Developed a multi-platform SaaS tool for Amazon virtual assistants and dropshipping agencies to manage inventory and orders.
- Built CSV parsing for custom Google Sheets formats, a Gemini AI analytics report, and a kanban-style warehouse board.
- Added a daily email digest to keep teams updated on stock movements and order status automatically.
- Stack: React, Vite, Node.js, Express, MongoDB Atlas, Gemini AI.

#### StudyAI — AI-Powered Study Assistant 2025

*Personal Project*

- Built a Flutter mobile app and web app allowing students to upload PDF study material and auto-generate MCQ quizzes via Gemini AI.
- Implemented streak tracking to encourage consistent daily study habits, synced in real-time via Firestore.
- Deployed a companion multi-page marketing web app on Vercel for user acquisition.
- Stack: Flutter, Firebase (Auth + Firestore), Gemini AI, Dart, Vercel.

### SKILLS

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Flutter & Dart/React / Next.js / Node.js/Gemini AI / LLMs / Agentic AI  
Python / Pandas / NumPy/Firebase & MongoDB Atlas/Machine Learning (scikit-learn)  
Digital Marketing /n8n Workflow Automation / Vercel / Render / Supabase

### EDUCATION

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#### Bachelor's Degree — Artificial Intelligence Sep 2025 – Present

Muhammad Ali Jinnah University, Karachi

### ADDITIONAL INFORMATION

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**Languages:** English, Urdu, German

**Certifications:** IBA Hackfest x Datathon — Participation Certificate (Machine Learning)

**Ventures:** Zwiry (Clothing Brand, Founder), SaathChalo (Carpooling Startup, Founder), Tahwar.pk (Wedding Service Aggregator, Conceptual Architect)

**Competitions:** Duality AI Offroad Autonomy Segmentation Challenge (Semantic Segmentation, PyTorch)