

ENGR. AHMED AQEEL

Full Stack AI Developer · AI Engineer · Software Engineer

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SUMMARY

Full Stack AI Developer and Software Engineer who designs and ships complete digital products — from responsive web and mobile front ends to scalable APIs and AI-powered backends. Experienced across the React ecosystem (React.js, Next.js, React Native) with Node.js, Express.js, and FastAPI services over MongoDB, MySQL, Firebase, and Supabase. Skilled at embedding large language models (Google Gemini, OpenAI) and OCR pipelines (PaddleOCR) into production applications, containerized with Docker and deployed on Vercel and Render. Founder of DevOrbit Tech, delivering AI applications, business websites, and mobile apps. BSc Software Engineering, University of Kotli AJK — 2022–2026.

EDUCATION

Bachelor of Science in Software Engineering 2022 – 2026

University of Kotli, AJK

Relevant coursework: Software Engineering, Data Structures, Algorithms, Artificial Intelligence, Machine Learning, Database Systems, Computer Networks, Operating Systems, Cloud Computing, Mobile Application Development, Human–Computer Interaction, Software Project Management.

SKILLS

- **Frontend:** React.js, Next.js, React Native, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, Bootstrap, Material UI
- **Backend:** Node.js, Express.js, FastAPI, REST API Design, JWT & Firebase Authentication, Nodemailer
- **AI & Machine Learning:** Google Gemini API, OpenAI API, OCR, PaddleOCR, spaCy, Python, Prompt Engineering, LLM Integration, Computer Vision
- **Databases:** MongoDB, Firebase Firestore, MySQL, Supabase
- **DevOps & Cloud:** Docker, Git, GitHub, GitHub Actions, Vercel, Render, Hostinger, Linux
- **Tools & Architecture:** VS Code, Figma, Postman · REST, MVC, Clean Architecture, Responsive Design, SEO, Performance Optimization

WORK EXPERIENCE

Founder & Full Stack AI Developer 2024 – Present

DevOrbit Tech · Kotli, AJK

- Founded and run an independent software studio delivering full-stack web apps, mobile apps, and AI-powered systems end to end — from architecture and API design through production deployment.
- Built and shipped responsive web and React Native mobile applications backed by Node.js/Express.js and FastAPI REST APIs across MongoDB, Firebase, and Supabase data layers.
- Integrated Google Gemini and OpenAI APIs with OCR pipelines (PaddleOCR) to add intelligent document parsing, insights, and automation to production applications.
- Implemented secure authentication (Firebase, JWT) and business email workflows (Hostinger, Nodemailer), and built reusable UI component libraries to accelerate delivery.
- Containerized applications with Docker and deployed on Vercel and Render, tuning performance and on-page SEO for client business websites.
- Managed Git/GitHub repositories and release workflows to deliver production-ready software for real clients.

PROJECTS

MediReport AI

Tech Stack: React Native, FastAPI, Firebase, Google Gemini API, PaddleOCR, Python

- AI medical lab-report analyzer that extracts values from scanned reports via OCR and generates plain-language clinical explanations with LLMs, with authentication and cloud storage.

JARVIS Student AI

Tech Stack: React Native, Firebase, Google Gemini API

- AI study-productivity app with a smart planner, AI notes assistant, assignment tracking, reminders, and cloud synchronization.

MenuCloud

Tech Stack: React.js, Node.js, Express.js, MongoDB

- Cloud restaurant-menu platform with QR-code ordering, menu management, a responsive interface, and an administration dashboard.

Organization Finance Management System *(Final Year Project)*

Tech Stack: React.js, Express.js, MongoDB

- Finance platform for organizations with expense and income tracking, authentication, an analytics dashboard, and reporting.

GiftyGo

Tech Stack: React, Node.js, MongoDB, Google Gemini API

- AI gift-recommendation platform generating personalized suggestions from user preferences and intelligent ranking.

Blissful Blinds UK

Tech Stack: React, JavaScript, Node.js, Vercel, SEO

- Complete UK business website with quotation forms, chatbot integration, a review system, business email, and SEO/performance optimization.

DevOrbit Tech Website

Tech Stack: React, Tailwind CSS, Node.js

- Official studio website showcasing software development, AI solutions, mobile apps, graphic design services, and final year projects.

Personal Portfolio Website

Tech Stack: React, Next.js, Tailwind CSS

- Professional portfolio presenting projects, technical expertise, services, achievements, and contact, with a responsive UI.

ACHIEVEMENTS

- Designed and shipped 10+ full-stack, AI-integrated web and mobile applications end to end as founder of DevOrbit Tech.
- Engineered OCR + LLM pipelines (PaddleOCR with Gemini/OpenAI) for real-world document understanding across healthcare and utility use cases.
- Delivered a production UK business website for a live client with SEO and performance improvements, chatbot, and integrated business email.
- Containerized and deployed multiple applications to Vercel and Render with Docker, maintaining reliable, production-ready release workflows.

ADDITIONAL

- **Soft Skills:** Leadership · Problem Solving · Critical Thinking · Communication · Team Collaboration · Project Management · Analytical Thinking · Adaptability · Continuous Learning
- **Languages:** English (Professional) · Urdu (Native)