

Yousaf Zahid *Full Stack Developer*

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SUMMARY

Full-Stack Developer with 2+ years shipping production SaaS platforms, AI-integrated pipelines, and data-intensive applications. Built and scaled a multi-service real-estate marketplace, a platform managing 9.5M+ records, and AI/ML products across real estate, e-commerce, and fintech. Proficient across the full stack — React/Next.js and React Native frontend to Django/FastAPI/Node backend to multi-service cloud deployment on AWS, GCP, and Railway.

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript (ES6+), SQL, C++, C#

Frontend: React.js, Next.js, React Native (Expo), HTML5, CSS3, Tailwind CSS, Bootstrap

Backend: Django (DRF), FastAPI, Flask, Node.js, REST APIs, WebSockets

Databases: PostgreSQL, MySQL, MongoDB, Redis, Supabase, TimescaleDB

DevOps / Cloud: AWS, GCP, Docker, Railway, Vercel, Nginx, Cloudflare Workers, GitHub Actions, CI/CD

AI & Integrations: OpenAI, Groq, ElevenLabs, Google Vision, Stripe, Telnyx, DocuSeal, Puppeteer, Selenium

EXPERIENCE

Full Stack Developer *Airosofts*

12/2025 – Present

- Built and scaled **Deelmap**, a wholesale real-estate marketplace ecosystem — buyer portal, seller SaaS, admin portal, and a React Native (Expo) mobile app — on **Next.js**, **React 19**, and **TypeScript** over Supabase/PostgreSQL, shipped as 5+ interconnected services on Railway with automated CI/CD.
- Engineered AI-driven deal-ingestion pipelines that scrape inbound email and SMS (Telnyx), extract structured data with **Groq LLMs**, and auto-select listing images via **Google Vision**, with Puppeteer scrapers, concurrency control, and address deduplication on scheduled Railway cron workers.
- Integrated **Stripe** subscriptions, add-on purchases, and Stripe Connect referral payouts, DocuSeal e-signature contract flows, and real-time messaging with offer negotiation.
- Implemented real-time Google Maps with marker clustering and boundary filtering, advanced multi-criteria search, and financial tooling (cap-rate/yield filters and a DSCR calculator with PDF export).

Tech: Next.js, React, React Native, TypeScript, Node.js, Supabase/PostgreSQL, Stripe, Telnyx, Groq, OpenAI, Google Vision, Puppeteer, Railway, Cloudflare Workers

Full Stack Developer *BitBash*

06/2025 – 01/2026

- Architected **DataHighOnLikes**, a distributed influencer-intelligence platform managing **9.5M+ profiles across 160GB+** of data (PostgreSQL/TimescaleDB), processed via parallel distributed workers with fault-tolerant pipelines.
- Designed and shipped a data-intensive internal analytics platform on **Django (DRF)** and PostgreSQL, with normalized schemas, optimized indexed queries across **millions of rows**, and async background workers that cut reporting latency.
- Built **CommerceSocial** (FastAPI + React) for TikTok Shop partners, designing RESTful APIs and integrating third-party TikTok Shop APIs into real-time finance dashboards and operational reporting.

Tech: Python, Django (DRF), FastAPI, React, Next.js, TypeScript, PostgreSQL, TimescaleDB, Redis

Freelance & Personal Projects *Independent*

2024 – Present

- Built **Transword.ai** (Next.js + FastAPI) integrating OpenAI and ElevenLabs APIs for AI-powered translation and audio synthesis, deployed on GCP with Nginx and automated CI/CD.
- Built **QuantMind**, an explainable-AI portfolio advisor combining reinforcement learning (PPO, Stable-Baselines3) over S&P 500 data with from-scratch Shapley-value explanations and backtesting, outperforming a buy-and-hold baseline by 11% on Sharpe ratio.
- Developed **Skillens**, an ML-powered educational content recommender with reproducible evaluation pipelines and a Streamlit experimentation interface.

Tech: Python, FastAPI, Next.js, PyTorch, Stable-Baselines3, OpenAI, ElevenLabs, GCP, Streamlit

EDUCATION

Bachelor of Science in Computer Science *FAST NUCES — Lahore, Pakistan*

08/2021 – 06/2025