JAVEED ISHAQ

FULL-STACK MOBILE PRODUCT ENGINEER | FLUTTER + NEXT.JS + NESTJS/SUPABASE + AI/RAG

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PROFESSIONAL SUMMARY

Full-Stack Mobile Product Engineer with 8+ years shipping complete products end-to-end — Flutter mobile apps, NestJS/Supabase backends, Next.js web and admin panels, and practical AI features (OpenAI, pgvector, RAG). Recently shipped **HuntKit** (https://hunt-kit.netlify.app/), a NestJS + PostgreSQL/pgvector + Next.js RAG job coach that grounds match analysis in real resume and project data. Flutter/Dart depth (Stack Overflow: 7,275+ reputation, 5M+ people reached) plus modern TypeScript full-stack delivery. Owns outcomes from schema and API through mobile UI, admin, and deployment.

TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript, Dart, SQL
- **Backend:** Node.js, NestJS, REST APIs, Authentication, JWT, RBAC, Background Jobs, Prisma
- **Frontend / Web:** Next.js, React, Admin Dashboards
- **Mobile:** Flutter, Dart, BLoC, Riverpod, Clean Architecture, Offline-First Sync
- **Database:** PostgreSQL, Supabase, Database Design, Query Optimization, pgvector
- **AI:** OpenAI API, RAG Pipelines, pgvector, Embeddings, Structured Outputs, LLM Integration
- **Tools / Cloud:** Git, GitHub, Docker, AWS, CI/CD, Jira, ClickUp

PROFESSIONAL EXPERIENCE

Product Engineer (Full Stack)

Crunch Africa | Johannesburg, South Africa (Remote) | Dec 2024 – Present

- Designed and shipped NestJS, TypeScript, and PostgreSQL backend services for mobile and web product workflows in production.
- Built REST APIs and async data flows consumed by Flutter mobile apps and Next.js admin dashboards.
- Integrated practical AI with OpenAI APIs, structured outputs, retrieval, and pgvector search for recommendations and follow-up workflows.
- Owned end-to-end delivery: database schema, API, background jobs, mobile UI, and admin panel; built reusable auth, RBAC, and upload modules.

Senior Flutter Developer (Full Stack)

Hyperhire | South Korea (Remote) | Oct 2023 – Nov 2024

- Shipped Flutter + Supabase features for production mobile products across multiple time zones.
- Delivered end-to-end work spanning mobile UI, Supabase data flows, real-time sync, and backend-connected workflows.
- Improved performance and reliability with optimization and offline-first patterns; collaborated with product and engineering on schedule.

Senior Apps Developer

Crunch Africa | Johannesburg, South Africa (Remote) | Mar 2020 – Sep 2023

- Built backend-connected Flutter systems for consumer apps with real-time operational workflows (including CarPool tracking and live sync).
- Delivered REST APIs and cross-platform features across app UI, backend coordination, API integration, and release execution.

Full Stack Engineer

GTek Solutions | Lahore, Pakistan | Nov 2018 – Feb 2020

- Built full-stack mobile and web solutions with backend services, REST APIs, and database-backed production workflows.

Full Stack Engineer

EEIZO IT Solutions | Sahiwal, Pakistan | Sep 2017 – Oct 2018

- Developed cross-platform mobile apps with backend integration, API consumption, and delivery quality improvements.

PROJECTS

HuntKit — RAG Job-Hunt Assistant (Live)

Demo: https://hunt-kit.netlify.app/ | NestJS, TypeScript, PostgreSQL, pgvector, Prisma, Next.js, OpenAI API, Turborepo

- Solo full-stack MVP: paste a job description → RAG retrieves resume/project chunks → returns match score, strengths/gaps, tailored bullets, interview questions, and citations (no invented experience).
- Built NestJS JWT auth, profile ingest (chunk/embed), pgvector cosine retrieval, job pipeline tracking, AI run observability, and Next.js dashboard (Netlify + Render).

Leafwell — AI Plant Care (Portfolio)

Flutter, Next.js, TypeScript, NestJS, PostgreSQL, Supabase, OpenAI API, pgvector

- Building a full-lifecycle plant-care product: Flutter mobile, NestJS + PostgreSQL backend, Next.js admin, and practical AI for diagnosis, care recommendations, and follow-up workflows with pgvector search and OpenAI structured outputs.

Selected Client / Production Apps

- **NurseLife** — Flutter, Supabase, PostgreSQL. Delivered mobile product workflows, backend-connected features, and operational improvements for healthcare-adjacent systems.
- **Sabroso Pakistan App** — Flutter, REST APIs, Payments, Order Workflows. High-volume food ordering and delivery with transaction handling and backend-connected delivery flows.
- **BreadEx App** — Flutter, Inventory Integration, Payment Gateways, Real-Time Order Tracking. Grocery/retail mobile app with inventory-aware ordering and live order tracking.
- **Mulavip Rentals App** — Flutter, Booking Management, Payments, Real-Time Availability. Rental booking platform; improved engagement through clearer live availability workflows.
- **CarPool** — Flutter, REST APIs, Real-Time Workflows. Mobile features connected to live backend systems with real-time operational behavior.
- **NFT Membership App** — Flutter, BLoC, Secure Transactions. Membership app supporting 10,000+ users with a 4.8-star Play Store rating.

LEADERSHIP & COMMUNITY INVOLVEMENT

- **Technical Authority (Stack Overflow):** Dart/Flutter expertise with 7,275+ reputation and 5M+ people reached; recognized through technical answers and community contributions.
- **Open-Source & Mentorship:** Flutter open-source contributions; mentored developers in Flutter, Dart, and practical mobile engineering.
- **GDG Live Pakistan (Core Team):** Organized technical sessions and developer events.
- **Remotebase Hackfest Team Lead;** Volunteer Developer (Zena Tamkin) — Flutter platform supporting women in technology.

CERTIFICATIONS

Full-Stack Web Development with React
Coursera | 2018

Full Stack Web and Multiplatform Mobile App Development Specialization
Coursera | 2017