

ABDUL BASIT KHAN

AI Product Engineer — Full-Stack (TypeScript) & Applied LLM Systems

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UAE Golden Visa (self-sponsored — no employer sponsorship required) • Pakistani national • Available immediately

SUMMARY

AI Product Engineer with 7 years of experience shipping production software end to end — and the last three focused on applied LLM systems: retrieval (RAG and GraphRAG), agent and tool-use workflows, structured extraction, and the evaluation and validation layers that make AI output safe to act on. Solo-built and shipped platforms across commerce, real estate, F&B, and service operations, including an AI-native real-estate CRM with a WhatsApp concierge (pilot stage) and Movium, an AI motion-graphics product. TypeScript across the stack: Next.js, React Native/Expo, NestJS, PostgreSQL, Redis, Cloudflare.

CORE SKILLS

Applied AI: LLM pipelines (OpenAI, Anthropic, OpenRouter), RAG & GraphRAG, embeddings & vector search, hybrid retrieval & reranking, agents & tool use, structured extraction, document intelligence, prompt engineering, guardrails, evals & human-in-the-loop validation, local inference (vLLM, Ollama)

Frontend & Mobile: React, Next.js, React Native, Expo, TypeScript, Tailwind CSS, bilingual EN/AR & RTL interfaces, app-store release workflows

Backend: Node.js, NestJS, Fastify, tRPC, REST, GraphQL, WebSockets, microservices, background jobs

Data: PostgreSQL, Redis, BullMQ, MongoDB, SQL, KPI dashboards & reporting, audit trails

Cloud & DevOps: Cloudflare (Workers, Pages, R2, D1, Queues), AWS, Docker, GitHub Actions, CI/CD

Product & Integrations: Discovery & scoping, MVP delivery, stakeholder alignment, documentation; WhatsApp Business API, Shopify Storefront API, payments, notifications

EXPERIENCE

Founder & Product Engineer

Jan 2026 – Present

Pixelity — Dubai, UAE

Independent product studio: AI systems, dashboards, mobile apps, and workflow platforms for founder-led companies.

- Designed and built an AI-native real-estate CRM for GCC brokerages: lead capture and speed-to-lead automation, a WhatsApp AI concierge (LLM + retrieval over live listings, qualification, human handover), rental/renewal workflows, and bilingual EN/AR surfaces; preparing first pilot deployments with Dubai brokerages.
- Built Movium (movium.ai): an AI motion-graphics platform that turns natural language and datasets into validated Remotion scenes — async LLM generation and render queues (BullMQ/Redis), server-side validation before preview and render, private media storage and sharing.
- Shipped a production BI platform for a retail/F&B group: role-based data entry across sales, procurement, purchasing, ad spend, and revenue, with owner dashboards and audit trails (Next.js, PostgreSQL).
- Delivered a short-term-rental cleaning operations platform (job management, auto-scheduling, staff workflows) now in daily internal use, and the end-to-end platform for a drive-through coffee venture: customer apps (React Native/Expo), staff portal, admin tooling, and backend.
- Built a bilingual React Native/Expo commerce app on the Shopify Storefront API for a premium retail brand (built and functional; launch pending), with a Cloudflare Worker boundary for privileged account operations; and Artizen (artizenco.com), a live talent-to-SME matching platform.

AI Lead

May 2025 – Nov 2025

International Investment Consortium (IIC) — Dubai, UAE

- Partnered with leadership to identify AI use cases tied to real workflows across documents, recommendations, and internal decision support.
- Built LLM pipelines for document intelligence — parsing, structured extraction, and retrieval-augmented Q&A — with validation gates and human review before outputs reached decisions.
- Moved AI work from ad-hoc experiments toward repeatable internal patterns: prompt templates, evaluation checks, and review workflows.

Full-Stack Developer

Aug 2022 – Apr 2025

Devloot Technologies — Dubai, UAE

- Core engineer across a React Native social product, HR systems, internal dashboards, workflow automation, and group-level tools for an investment-backed product group.
- Built and maintained TypeScript/Node (NestJS) microservices and React/React Native features on rapid iteration cycles.
- Translated leadership requirements into scoped builds and delivery plans; automated internal workflows and reporting surfaces to cut repeated manual work.

Software Developer (R&D)

Mar 2022 – Aug 2022

American University of Ras Al Khaimah — RAK, UAE

- Developed and maintained ground-station software for the MEZNSAT satellite mission: telemetry workflows, operator-facing interfaces, and mission-support tooling.
- Built an IoT smart-city lighting platform — device and sensor coordination with a web dashboard — alongside research and hardware stakeholders in a high-reliability environment.

Software Developer

Oct 2019 – Nov 2021

Western Expedition Technology — Dubai, UAE

- Built Unity/C# interactive experiences plus MERN web apps and React Native mobile apps for Chinese-market retail and marketplace products.
- Supported automated testing, release workflows, data-quality tooling, and AWS infrastructure in a multilingual, cross-market team.

Software Developer Intern

Jun 2019 – Aug 2019

Huawei Technologies — Dubai, UAE

- Built Xamarin Forms mobile features for Huawei's Customer Requirement Management System: notifications, offline sync, and role-based access control.

Earlier: VR Developer, Ajman Bank (Jun 2017 – May 2018) — built a Unity-based VR employee-orientation system used for onboarding across departments.

EDUCATION

MBA

2023 – 2025

Cardiff Metropolitan University — UK

BSc Computer Science

2015 – 2019

American University of Ras Al Khaimah — UAE

CERTIFICATIONS

- Certified Artificial Intelligence Consultant (CAIC) — United States Artificial Intelligence Institute (USAI), 2024
- Certified Manager — Chartered Management Institute (CMI), 2024
- Machine Learning Specialization — Stanford Online / DeepLearning.AI, 2023

ADDITIONAL

Languages: English (fluent), Urdu (native)

Work authorization: UAE Golden Visa holder (self-sponsored); no employer sponsorship or notice period required