

# ABDUL BASIT KHAN

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

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UAE Golden Visa holder (self-sponsored) | Available immediately | Open to remote work or relocation

### SUMMARY

AI Product Engineer with 7 years of experience shipping production software end to end, including 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 platforms across commerce, real estate, F&B, and service operations. TypeScript across the stack: Next.js, React Native/Expo, NestJS, PostgreSQL, Redis, and Cloudflare.

### CORE SKILLS

**Applied AI:** LLM pipelines (OpenAI, Anthropic, OpenRouter), RAG and GraphRAG, embeddings, hybrid retrieval, reranking, agents, tool use, structured extraction, document intelligence, guardrails, evals, human review, local inference

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

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

**Data and Cloud:** PostgreSQL, Redis, BullMQ, MongoDB, SQL, Cloudflare, AWS, Docker, GitHub Actions, CI/CD

**Product and Integrations:** Discovery, scoping, MVP delivery, stakeholder alignment, 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.*

- Designed and built an AI-native real-estate CRM for GCC brokerages: lead capture, speed-to-lead automation, a WhatsApp AI concierge, rental workflows, and bilingual EN/AR surfaces; preparing pilot deployments.
- Building Movium, an AI-assisted motion-graphics platform that turns natural language and datasets into validated Remotion scenes with async generation, preview, rendering, private storage, and sharing workflows.
- Shipped a production BI platform for a retail/F&B group with role-based data entry, owner dashboards, PostgreSQL, and audit trails.
- Delivered a short-term-rental cleaning operations platform in daily internal use and the end-to-end platform for a drive-through coffee venture: customer apps, staff portal, admin tooling, and backend.
- Built a bilingual React Native/Expo commerce app on Shopify and Artizen, a live talent-to-SME matching platform.

#### AI Lead | May 2025 - Nov 2025

##### International Investment Consortium (IIC) - Dubai, UAE

- Built document-intelligence pipelines for parsing, structured extraction, retrieval-augmented Q&A, validation gates, and human review.
- Moved AI work toward repeatable prompt templates, evaluation checks, and review workflows tied to real internal decisions.

## EXPERIENCE CONTINUED

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### Full-Stack Developer | Aug 2022 - Apr 2025

#### Devloot Technologies - Dubai, UAE

- Core engineer across a React Native social product, HR systems, dashboards, workflow automation, and group-level tools.
- 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 reporting and repeated internal workflows.

### Software Developer (R&D) | Mar 2022 - Aug 2022

#### American University of Ras Al Khaimah - UAE

- Developed MEZNSAT ground-station telemetry workflows, operator-facing interfaces, and mission-support tooling.
- Built an IoT smart-city lighting platform with device coordination and a web dashboard alongside research and hardware stakeholders.

### Software Developer | Oct 2019 - Nov 2021

#### Western Expedition Technology - Dubai, UAE

- Built Unity/C# experiences, MERN web apps, and React Native mobile products for multilingual retail and marketplace contexts.
- Supported testing, release workflows, data-quality tooling, and AWS infrastructure.

### Software Developer Intern | Jun 2019 - Aug 2019

#### Huawei Technologies - Dubai, UAE

- Built Xamarin Forms features for customer-requirement management: notifications, offline sync, and role-based access control.

### VR Developer | Jun 2017 - May 2018

#### Ajman Bank - UAE

- Built a Unity-based VR employee-orientation system used for onboarding across departments.

## EDUCATION

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**MBA** | Cardiff Metropolitan University - UK | 2023 - 2025

**BSc Computer Science** | American University of Ras Al Khaimah - UAE | 2015 - 2019

## CERTIFICATIONS

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

## ADDITIONAL

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**Languages:** English (fluent), Urdu (native)

**Availability:** Available immediately; open to remote work or relocation

**UAE work authorization:** Golden Visa holder (self-sponsored); no employer sponsorship required in the UAE