

Khayyal Abdullah Aba-Alkayel

Product Manager, Technical and AI Products

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SUMMARY

Product manager who writes the spec, talks to the users, and can build the thing. Took an equestrian booking marketplace from zero to live with 10+ centres signed and 1,000+ reservations, and shipped a clinical documentation product that cut nurses' note-writing from two hours a day to twenty minutes, a 6x reduction measured on practising staff. Led the team that won 1st place nationally at the AgentX AI Hackathon. Strongest where the product is technically hard and the cost of being wrong is real: healthcare, marketplaces, and AI systems that need guardrails rather than demos.

EDUCATION

BSc Computer Science, Qassim University 2022 to 2027, expected
• GPA 4.9 / 5.0. Focus: system architecture, artificial intelligence, advanced mathematics. Graduation project, Arabic Sign Language Digital Twin: scoped the milestone to stop at validated 3D data, before recognition.

Advanced Artificial Intelligence Program, KAUST Academy 2025 to 2026
• Deep learning architectures, advanced machine learning, and AI system engineering. Competitive admission, one of a limited cohort of Saudi students.

PRODUCT EXPERIENCE

Enan, Product Manager Aug 2026 to present

Live at enanapp.com, 10+ centres signed, 1,000+ reservations booked

- **The problem:** booking a riding lesson in Saudi Arabia meant a WhatsApp message and hoping for a reply. Stables had no visible schedule; riders could not compare centres.
- **Go-to-market sequencing:** launched the supply side first and kept public listings behind a feature flag while signing centres, so the first riders never saw an empty marketplace.
- **Conversion call:** guests find and manage a booking by phone number alone, because forcing account creation before a first lesson kills conversion in this market.
- **Scope:** public marketplace, per-centre operations console, platform admin layer, and WhatsApp notifications. Fully RTL Arabic.

Saalem, Product Manager May 2026 to present

2 hours to 20 minutes daily documentation, 6x faster per practitioner

- **Discovery:** nurses lost two hours a day to notes, and notes came back for correction because institutional policy lives in documents nobody rereads mid-shift. The cost was the rework loop, not the typing.
- **Scope decision, draft and confirm, never auto-file:** the practitioner edits and signs every note, so the product removes the typing, not the judgment.

Table Zone, Product Manager Jun 2026 to Aug 2026

Live at tablezone.net

- Restaurant table-timing SaaS built around one real-time grid of table cards counting how long each party has been seated, so staff know turn times rather than guessing. Spec through build into production, held to one screen rather than a full POS.

Saden, Team Lead and Product Owner Jun 2026

1st place nationally, AgentX AI Hackathon, SAR 30,000

- Owned product definition and AI architecture for a Red Sea mangrove monitoring system, judged before the Minister of Communications and Information Technology and the Emir of Qassim.
- **Data-integrity decision:** removed manual entry from the UI entirely, so the record cannot drift from reality. Defined the 30% survival threshold that switches the product between growth analytics and survival analysis.

Wifaq, Team Lead and Product Owner Aug 2026

3rd place, Agentic AI Bootcamp Hackathon, Saudi Digital Academy and atomcamp

- **Reframed the problem:** existing checkers answer whether two drugs interact; patients need to know what to take and when, today, given a dose already taken late.
- **Quality bar:** safety verdicts come from a deterministic rule engine rather than the model, backed by 114 guardrail tests.

SKILLS

Product: user discovery, problem framing, spec writing, scope and milestone definition, go-to-market sequencing, two-sided marketplaces, outcome metrics, staged launch, prioritisation

Leadership and Delivery: team lead on two award-winning builds, cross-functional coordination, clinicians and operators as design partners

Technical Fluency: agentic AI and LLM systems, RAG, guardrails and evaluation, computer vision, speech to text, API and data model design, row-level security

Hands-on: Python, TypeScript, React, React Native, FastAPI, Postgres, Supabase, Docker, Git, Arabic RTL product design

CERTIFICATIONS

Advanced Artificial Intelligence Program, KAUST Academy, 2026. DeepLearning.AI, 2025: Linear Algebra, Calculus, and Probability and Statistics for Machine Learning.

LANGUAGES

Arabic: native. English: professional working proficiency.