

MOHAMAD BAHAMDAIN

Co-Founder & CTO at Qubit

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Nationality: Saudi Arabian

EXPERIENCE

Qubit – Decision Intelligence Platform
Co-Founder & Chief Technology Officer

Riyadh

Nov 2024 - Present

- Led the transformation from a data consultancy into a product company, establishing a product-engineering culture and scaling to 900+ clients
- Architected an autonomous AI analyst agent (LangGraph) that self-plans, executes, and validates natural language-to-SQL workflows across ClickHouse and Redshift
- Combined constraint satisfaction and optimization with LLM agents to deliver optimal recommendations for inventory allocation, pricing, and scheduling
- Designed a provider-agnostic LLM orchestration layer with cost-optimized model routing across OpenAI, Gemini, Groq, and open-source models
- Built the platform from scratch on FastAPI, PostgreSQL, Redis, and Qdrant with enterprise-grade auth, RBAC, and real-time streaming

Zid – E-Commerce Platform
Engineering Team Lead

Riyadh

Jun 2022 - Oct 2024

- Led 9 engineers, rewrote core Cart/Checkout systems eliminating major technical debt
- Designed ZidPOS system processing millions of transactions monthly
- Maintained 99.98% uptime during \$100M+ peak campaigns

Zid – E-Commerce Platform
Senior Software Engineer

Riyadh

May 2019 - Jun 2022

- Built Multi-Inventory System (50M+ SKUs), Analytics platform (Kafka/ClickHouse)
- Reduced system loads and operational costs by 30% through refactoring and bottleneck resolution
- Developed integrations with payment gateways, financial solutions, and CRMs
- Built and maintained ZidWallet closed-loop payment system

primera

Software Engineer (Part-time)

Remote

May 2017 - Nov 2022

- Created IPsec tunnels on AWS to provide secure private APIs to enterprise clients
- Managed technical delivery and code quality for digital goods inventory system (\$1M+ monthly)
- Built loyalty rewarding system with multi-platform e-commerce integrations (Django)
- Implemented fraud prevention tools reducing fraudulent transactions by 85%

OneHas (now Thmanyah)
Senior Writer

Remote

Apr 2012 - Dec 2014

- Enriched Arabic tech content by writing and translating 480+ articles on technology and science

EDUCATION

Prince Mohammed bin Salman College of Business and Entrepreneurship
M.Sc. Finance

Riyadh

Apr 2026 - Expected Oct 2027

King Saud University
B.Sc. Software Engineering

Riyadh

2015 - 2019

SKILLS

Languages: Python, PHP, JavaScript, Go, Java, SQL

Tech Stack: Django, Laravel, FastAPI, React, Node.js, Kubernetes, Docker, AWS, LangGraph, LangChain, MageAI

Data: PostgreSQL, MySQL, Redis, Kafka, ClickHouse, Elasticsearch, MongoDB

CERTIFICATIONS

AWS Certified Solutions Architect – Associate