

NADER KHUSHEIM

Full-Stack Developer · AI Engineer · DevOps & Multi-Agent Systems

Jeddah, Saudi Arabia · (966) 555 699 199 · naderkhusheim@gmail.com · naderkhusheim.com · LinkedIn · GitHub

PROFESSIONAL SUMMARY

Computer Science graduate from King Abdulaziz University (2025), focused on AI engineering, multi-agent systems, full-stack development, and DevOps. I build and ship real software for startups and companies, from LLM apps (LangChain, CrewAI, LangGraph) and RAG pipelines to full server setups I run myself. I set up a production Linux server from scratch and run a multi-tenant platform on it (panel.nafes.online) using Docker, Caddy, and Cloudflare. Gold Medalist at Expo Sciences International 2013, and winner of a special award from HRH Prince Khalid bin Faisal Al Saud for building Saudi Arabia's first app for people with disabilities, at age 16.

TECHNICAL SKILLS

AI / LLM

LangChain CrewAI LangGraph OpenAI API Claude API / CLI Claude Agent SDK
GPT-4o o-series (o1 / o3) Claude Opus / Sonnet Gemini Llama Mistral Ollama
RAG Multi-Agent Systems Prompt Engineering Fine-Tuning Agent Memory PyTorch

Automation

n8n WhatsApp Automation Workflow Automation Webhooks BullMQ / Job Queues

Languages

Python TypeScript JavaScript C# C++ Objective-C Ruby Java
Bash / Shell SQL

Web / Backend

React Next.js Angular Node.js Express.js FastAPI Django Django Channels
WebSockets Prisma ORM Tailwind CSS Vite

Databases

PostgreSQL MongoDB Redis Supabase Pinecone QdrantDB Chroma
Vector DBs Oracle

DevOps / Cloud

Linux (Ubuntu) Server Provisioning Docker Kubernetes Caddy Nginx
Cloudflare (DNS / API) systemd SSH Hardening CI/CD Contabo VPS AWS
Google Cloud Vercel Git

Other

Amadeus (GDS) Oracle APEX Firebase Streamlit Multi-Tenant Architecture

PROFESSIONAL EXPERIENCE

Full-Stack Developer / AI Engineer / DevOps

Oct 2025 to Present

SiyadaTech · Saudi Arabia

- ▶ Built full-stack web apps with React, Next.js, Node.js, FastAPI, and Django.
- ▶ Built and shipped multi-agent AI pipelines with LangChain, LangGraph, and CrewAI.
- ▶ Connected vector databases (Pinecone, QdrantDB, Supabase, Chroma) for RAG search.
- ▶ Set up a production Linux (Ubuntu) server from scratch: Docker, Caddy with automatic HTTPS, Cloudflare DNS, background services, secure SSH, and daily backups, all hosting a shared platform for the team.
- ▶ Built **Nafes Platform** (panel.nafes.online), a multi-tenant system that hosts every project, gives each person a live copy of any app, and lets non-technical staff make changes just by chatting with Claude. It runs build checks and reviews every change as a pull request before it goes live, and fixes common errors on its own.
- ▶ Led the **Hukm** (formerly DALI) legal AI platform, an on-site legal research assistant built on Ollama, Chroma, and LangChain.
- ▶ Built WhatsApp auto-reply automations (n8n) for the University eLeague and Schools eLeague events.

AI / Software Engineer Trainee

Jun 2025 to Aug 2025

Lucidya · Saudi Arabia

- ▶ Completed a two-month intensive programme on AI product development and NLP.
- ▶ Worked hands-on with LLM integration, data-labelling workflows, and prompt engineering.
- ▶ Built internal tools using Python, REST APIs, and modern AI frameworks.

Call Center Representative

Jan 2024 to Jul 2024

Saudi Airlines (Saudia) · King Abdullah Economic City

- ▶ Handled enquiries, bookings, and escalations on the Amadeus GDS system.
- ▶ Kept high customer-satisfaction scores in a busy, multilingual call centre.

IT Support & Customer Service

Aug 2020 to Oct 2023

Bin Zagar Company · Jeddah

- ▶ Gave first- and second-line IT support for hardware, software, and network issues.
- ▶ Managed client relationships and worked with technical teams to keep downtime low.

Esports Event Operations & Management

2018 to Present

Freelance / Contract · Various Locations

- ▶ Worked on 10+ major esports events across IT support, player registration, stage coordination, and project management.
- ▶ Was Stage Manager and Project Manager on 3 events, owning readiness and the live run.
- ▶ Made main and backup plans to keep schedules on track and fix on-site issues fast.

TECH PROJECTS

Nafes Platform · panel.nafes.online · *TypeScript, Next.js, Prisma, PostgreSQL, Redis, Docker, Caddy, Cloudflare, Claude CLI*

A self-hosted platform that runs every Nafes project on one server. Each person gets their own live copy of any app at their own web address and can change it just by chatting with Claude, with an on-screen picker, file uploads, and version history. Every change runs a build check and goes through a pull request before it reaches the live site. It also has a CRM, task boards, bills and approvals, a browser terminal, and a system that spots errors on its own and proposes fixes. I set it up and run it end to end on an Ubuntu server.

Jawhar · **Personal AI Office** · pa.nafes.online · *Node.js, Multi-Agent, Claude CLI*

A personal AI office where three agents sit in a pixel-art room, connected to email inboxes and calendars. You talk to them in Arabic and they read, draft, and organise for you. Runs as its own app on the server.

RFP Studio · *Python, Claude CLI, Multi-Agent, python-pptx*

A Claude CLI system that turns a library of past winning proposals into new ones. A team of agents drafts each section and builds a finished Google Slides / PowerPoint deck ready to send.

Hukm · **Legal AI Platform (latest version of DALI)** · *Python, LangChain, Ollama, Chroma, Streamlit, JavaScript* · *SiyadaTech*

An on-site legal AI assistant for Saudi law firms. It runs a local model (Ollama with Llama 3 or Mistral), scrapes legal sources, and searches documents by meaning with a Chroma vector database, all kept on-site. Hukm is the newest version, grown from the earlier DALI demos (v1.1 through v1.6).

NEORA · **Bilingual AI Chat Platform** · *Django, Django Channels, React, Vite, Redis, PostgreSQL*

A full-stack chat platform in English and Arabic with live streaming replies over WebSockets, secure sign-in, rate limiting, an activity log, voice input, full right-to-left support, and an n8n link for routing the AI.

Questify · **Gamified Event App** · *Next.js, TypeScript, HeroUI, Tailwind CSS*

An event app where guests scan QR codes around a venue to finish quests, earn XP, and climb a live leaderboard, with an admin dashboard for organisers. Fully bilingual (EN/AR) with right-to-left support.

Qiyas New · **AI Exam-Prep Platform** · *TypeScript, Next.js*

An AI-powered platform for practising Saudi Arabia's Qudurat and Tahsili university admission exams, with generated questions and study tools.

Unique Homes BOQ Copilot · *Node.js, AutoCAD/DWG, AI*

A proof of concept that reads an AutoCAD (DWG) drawing and produces a reviewable structural-concrete Bill of Quantities, turning a consultant's drawing into costed quantities automatically.

Lenci · **AI Fashion Photography SaaS** · *Full-stack, Analytics* · *Siyada Studio*

An AI fashion-photography product. I built the launch-day event tracking and analytics layer (the "Data Oracle") that measures activity across the product in real time.

Nafes Warehouse · **Inventory & Rental Platform** · *Next.js, Prisma, PostgreSQL*

An internal tool for tracking event gear end to end: stock levels, internal requests, and rental scheduling. Built to be fully configurable, with nothing hardcoded.

Event AI · **Barq AI & Volt Mascot Kiosk** · *TypeScript, Python, Voice AI*

Two interactive AI experiences for the Saudi eLeague. Barq AI chats with attendees, shows a venue map, and takes photo mementos. Volt is a kiosk where the eLeague mascot holds live bilingual voice conversations with guests.

Red Bull M.E.O. Arena Draft · *Next.js, Node.js, Socket.IO, PostgreSQL*

A live 2v2 national-team draft tool for the Red Bull M.E.O. event. Players earn credits from the physical arena activity, then draft their teams live, with a real-time versus reveal on the big screen.

Schools eLeague & University eLeague · **Platforms + WhatsApp Automation** · *JavaScript, n8n, WhatsApp*

Registration and admin dashboards for two national esports leagues, plus n8n workflows that reply to incoming WhatsApp messages on their own, handling participant questions and confirmations without manual work.

Saudi eLeague & Red Bull Event Apps · *TypeScript, Python, JavaScript, Firebase*

A set of live event apps and games: the Nafes × Red Bull registration and display platform, Red Bull × Coin, EA FC Mobile × Red Bull reaction games, a Pac-Man Saudi eLeague game, a Ramadan activation, and a broadcast stopwatch. Each built and shipped for on-site audiences.

Kohai · **AI Companion for the Claude Code CLI** · *JavaScript, Electron*

A desktop app that puts an animated character on screen next to the Claude Code CLI and reacts to your coding session live. A personal product exploring new kinds of developer tools.

Sign Language Communication App · Objective-C (iOS) · Special Award, HRH Prince Khalid bin Faisal Al Saud

Saudi Arabia's first mobile app that lets deaf and mute people talk with hearing people without an interpreter. I built it at age 16, won a special award from HRH Prince Khalid bin Faisal Al Saud, and it was recognized nationally.

 More projects and repositories are available on GitHub (Nafes-dev and naderkhusheim-cyber) and on request.

EDUCATION

King Abdulaziz University, Rabigh

Graduated 2025

B.Sc. Computer Science in Software Engineering · Faculty of Computing & Information Technology

ACHIEVEMENTS & AWARDS

- ▶ Gold Medal, Expo Sciences International 2013 (ACTVET Abu Dhabi), Computer & Programming
- ▶ Gold Medal, Expo Sciences International 2013 (MILSET Abu Dhabi), Computer & Programming
- ▶ 4th Place, National Olympiad for Scientific Creativity (Ibdaa) 2013, Invention
- ▶ 6th Place, National Olympiad for Scientific Creativity (Ibdaa) 2013, Research
- ▶ Special Award from HRH Prince Khalid bin Faisal Al Saud, first Saudi to build a sign-language app, at age 16

COURSES, CERTIFICATIONS & EVENTS

- | | |
|---|--|
| ▶ Professional Machine Learning Certification | ▶ 13th & 14th Scientific Forum for KAU Students (2023, 2024) |
| ▶ Summer Robotics Program for Gifted & Talented Students (2014), IIUM | ▶ Hajj Hackathon (2018) |
| ▶ Int'l Day of People with Special Needs (2013), MNGHA, Jeddah | ▶ Transthon (2024) |

LANGUAGES

Arabic: Native · **English:** Professional Working Proficiency