

ABDULLAH ZUHAIK SALEH BALILA

Jeddah, Saudi Arabia | a2005balila@gmail.com | +966 571 002 462 | ab5-dev.vercel.app | github.com/ab5fr | Open to Remote / Hybrid

PROFESSIONAL SUMMARY

Backend and AI engineer with a strong track record of building automation tools, bots, and developer utilities in Rust, Go, and Python. Specializes in RAG architectures, LLM-powered workflows, and end-to-end system automation—from CLI tooling and API integrations to intelligent agents using Anthropic and Gemini APIs. Skilled at designing low-latency, event-driven systems and containerized deployment pipelines, backed by a strong academic foundation in Artificial Intelligence.

TECHNICAL SKILLS

Languages:	Rust, Go, Python, TypeScript, JavaScript, Dart
Backend & APIs:	Axum, Tokio, Node.js, Next.js, RESTful APIs, Webhooks, WebRTC, WebSockets
AI & Data:	RAG, Qdrant (Vector DB), Anthropic API, Gemini API, AI Agents
Databases:	PostgreSQL, MongoDB, SQLite, SurrealDB
DevOps:	Docker, GitHub Actions (CI/CD), Nginx, Vercel
Tooling:	Linux, Git, Cursor, GitHub Copilot
Automation:	CLI Tooling, Bot Development, API Integration, Task Automation, Playwright

TECHNICAL PROJECTS

Saudi Market Feasibility AI · AI / RAG Engineer

- Built a RAG pipeline using Qdrant to parse and query Saudi legal documentation for real-time market feasibility analysis.
- Implemented a multi-tier LLM architecture—Gemini for standard queries, Anthropic for premium analytics—to optimize API cost allocation.
- Designed an automated intake pipeline that ingests user-submitted business profiles, runs multi-stage LLM processing, and generates comprehensive feasibility reports and legal frameworks with no manual intervention.

University of Jeddah AI Club Platform · Lead Full-Stack Developer

- Engineered a high-performance backend using Rust (Axum/Tokio) and PostgreSQL to centralize club operations and manage student requests.
- Deployed a containerized CI/CD pipeline via Docker, GitHub Actions, and Nginx for stable, consistent production delivery.
- Built a responsive Next.js + TailwindCSS frontend enabling seamless member access to club resources and announcements.

Devagent CLI · Go Developer

- Developed a Go CLI tool that automates developer workflows by interfacing with a RAG-based LLM API, delivering instant language documentation retrieval and code assistance directly from the terminal.

E2EE Flutter Chat · Flutter & Go Developer

- Architected an end-to-end encrypted P2P chat app in Flutter using the Signal Protocol (libsignal) over WebRTC data channels, ensuring plaintext messages never transit the server.
- Built a stateless Go WebSocket signaling server for peer discovery and SDP/ICE relay, running entirely in-memory with no database and zero message persistence.
- Secured local SQLite message storage with on-device key management; supports group mesh WebRTC connections and out-of-band identity verification via safety numbers.

Developer Portfolio (ab5-dev.vercel.app) — Responsive personal site built with Next.js, TypeScript, and TailwindCSS, deployed on Vercel.

EDUCATION

University of Jeddah · B.Sc. Artificial Intelligence · Jeddah, Saudi Arabia

Year 3 of 5 · Expected 2028 · GPA: 4.25 / 5.00

KAUST Academy · Artificial Intelligence Specialization

Completed: Stage 2