

# Yosif Soliman | Software Engineer

☎ +20 109 609 5283 • ✉ yosifoli981@gmail.com • 🌐 y0sif.github.io • in y0sif • 🌐 y0sif  
Languages: Arabic (Native), English (Fluent)

## Summary

Full-stack software engineer who ships products end to end across TypeScript, Python, and Rust, from database and auth to UI and deploy. Experience building AI-powered web platforms, OAuth and billing integrations, queue-based backends, and production-scale apps. Comfortable owning a feature from schema to screen, and shipping things people actually use.

## Experience

### Bond

Remote, USA

#### Software Engineer

Dec 2025 – Present

- Shipped full-stack features across the **Bond** web app (Next.js): CRM email/calendar sync (Google + Microsoft OAuth) with reply/open/click tracking and automatic company/contact linking, a unified in-app **notification system**, and enrichment columns.
- Built an **agent-driven end-to-end testing framework** that drives the live product through **13 real-world scenarios** via **Playwright**, auto-root-causing failures against **Langfuse** traces and emitting evidence-backed reports.
- Built the **Bond CLI** (an agent-first interface to the platform) and its agent **skill layer** – a **/cli-campaign** router skill that runs a campaign end to end: lead sourcing, an enrichment **column tree**, a 5-row test gate, and export to **Instantly/HeyReach**.

#### AI Intern

Sep 2025 – Nov 2025

- Migrated the Python/**FastAPI** backend to queue-based **Supabase edge functions** (Deno/TypeScript), building integration-tested services for AI-column processing and lead enrichment via **LangChain**.

### OpenQQuantify

Remote

#### AI Software Engineering Intern

Jan 2025 – Jun 2025

- Built **multi-agent pipelines** for code generation and code-to-assembly compilation, including a **RISC-V** pipeline that turns natural language into C, compiles to assembly, and runs it on **QEMU**.

### EJADA Systems

Cairo, Egypt

#### Cloud Engineering Intern

Jul 2024 – Sep 2024

- Cloud engineering on **GCP**; completed training in cloud architecture, **DevOps**, and **OWASP Top 10** security.

### El Ezaby Pharmacy

Cairo, Egypt

#### Full Stack Intern

Aug 2023 – Sep 2023

- Full-stack web development with **ASP.NET** backend services and front-end interfaces.

## Education

### Ain-Shams University

Cairo, Egypt

B.Sc. in Computer Science, CGPA: 3.48/4.0

Oct 2021 – Jul 2025

## Technical Skills

**Languages:** TypeScript, Python, Rust, JavaScript, SQL, C/C++, C#

**Web & Frameworks:** Next.js, React, FastAPI, Flask, Axum, Leptos, Tailwind, shadcn/ui, Flutter

**Data & Backend:** PostgreSQL, SQLx, Prisma, Supabase, Redis, OpenSearch

**AI/ML:** LangChain, LangGraph, OpenAI, Anthropic Claude, RAG, MCP, Prompt Engineering

**DevOps & Cloud:** Docker, GitHub Actions (CI/CD), AWS, GCP, Vercel, Railway, Prometheus, Grafana

## Highlighted Projects

- **Jedit – Crowdsourced Document Investigation Platform** [Website]
  - Built a **Next.js + Supabase** platform turning a **3.5M+ document** public release into a votable, verifiable feed with an interactive viewer, annotations, and threaded discussions, serving **500k+ requests** (~100k in a single day) via lazy-loaded rendering and **Supabase Realtime**.
- **Locked-In – AI Calendar Intelligence Platform** [Demo]
  - Architected a full-stack **Rust** platform (Axum, Leptos WASM, SQLx) with **SSE streaming**, Google Calendar integration, **Stripe** subscriptions, and **OAuth 2.0**, plus OpenTelemetry/Langfuse observability.
- **LexiGraph – Lecture-to-Knowledge-Graph Converter** [Demo]
  - Built a **FastAPI + Next.js** app that transforms lectures and papers into interactive knowledge graphs via a **multi-agent** pipeline, with a credit-based usage system, **Google OAuth 2.0** (PKCE), and Celery async workers.

## Open Source Contributions

**Aden/Hive – AI Agent Framework** (10k+ GitHub stars) [GitHub]: Contributed **29 MCP tools** that add Attio CRM and Linear integrations, with GraphQL/REST clients, OAuth 2.0, and test coverage.