



Kareem Hossam

SOFTWARE ENGINEER

kareem_ghonim@hotmail.com + 20 10 30871323 Kafr El-Sheikh, Egypt kmosha.me
github.com/kmoshax linkedin.com/in/kmosha

SKILLS

Languages

TypeScript · JavaScript · Rust · Python · C++ · C#

Backend

Node.js · Next.js · REST API design · Spring Boot

Infrastructure

Docker · GCP · Linux (Arch) · CLI & server mgmt

Data

PostgreSQL · MongoDB · Prisma

Practices

Git & GitHub · open source · automation & RPA

LANGUAGES

Arabic ●●●●●
Native

English ●●●●●
Professional working

Full-stack developer focused on the TypeScript / Next.js ecosystem, with growing systems-level experience in Rust. Comfortable owning a web application end to end — data model, API, and a clean, maintainable front end. Currently studying Artificial Intelligence at Kafr El-Sheikh University; most recently the sole frontend developer on two platforms at YOUXEL Technology.

EXPERIENCE

Software Developer Intern Sep 2025 – Apr 2026
YOUXEL Technology · Remote

Sole frontend developer for Toruk, an AI multi-agent product. Built two platforms from scratch with Next.js, Tailwind, and Bun: **Toruk Nexus** (a B2B license-management panel) and **Toruk Everyday** (the end-user AI interface).

Built reusable internal packages for internationalization and icon management, and structured application state with custom hooks and contexts to keep the codebase modular as it grew.

Contributed regularly to the shared Toruk Core codebase alongside the engineering team — frontend optimizations, refactors, and UI fixes.

Freelance Software Engineer 2020 - Present
Remote

Independent web developer delivering full web applications for clients with **TypeScript, Next.js, and Tailwind CSS**, with a focus on clean, modular front-end architecture.

Selected projects:

- **Idraak** — online learning and assessment platform (detailed under Projects).
- **Yousef Visuals & Ridz Studio** — responsive portfolio and studio sites for creative professionals.
- **Wonder Tech & Originaa** — e-commerce storefronts and community sites.

EDUCATION

Kafr El-Sheikh University

Bachelor's Degree, Artificial Intelligence

2025 - Present · Kafr El-Sheikh, Egypt

AWARDS

3rd Place – EISTF (Egypt International Science and Technology Fair)

The Egyptian Association for Science and Engineering · 2024

Secured **3rd place nationwide** at the Egypt International Science and Technology Fair (EISTF) for the *Idraak* project, an educational-technology platform.

Certificate of Distinction – ISEF (International Science and Engineering Fair)

ISEF – Governorate Level · 2023

Recognized for outstanding achievement in the *Idraak* project at the governorate level of the International Science and Engineering Fair (ISEF).

SELECTED PROJECTS

Nameless — Real-time Chat Platform

Feb 2026 – Present

Arabic-first, Discord-style communication platform. **Rust microservices backend** (REST API, WebSocket gateway, file CDN, background workers) covering authentication, live presence, and voice/video, with a reactive **Solid.js** web client and a **Tauri** desktop app that share one modular SDK. In active development.

STACK Rust (Axum · Tokio) · MongoDB · Redis · RabbitMQ · LiveKit · Solid.js · Tauri

Ohana — Social Automation SaaS

Mar 2026 – Present

Full-stack SaaS for managing and automating multiple social accounts, built as a **Bun monorepo**. Includes a licensing & entitlements system, a role-gated dashboard, real-time job updates over WebSockets, and Puppeteer-based automation, type-safe from database to UI. In active development.

STACK Bun · Hono · Next.js · Prisma · MongoDB · Puppeteer

Sbitra — Game Server Platform

Jul 2025 – Apr 2026

Game-server provisioning and billing platform for Minecraft, CS2, ARK, and FiveM. Handles provisioning through the Pterodactyl API, subscription plans, coupons, wallets, multi-gateway payments, and support tickets, with a 3D storefront. ~70 API routes over a modular Prisma schema of 11 domains.

[sbitra.com](#)

STACK Next.js · React · Prisma · PostgreSQL · Three.js · Pterodactyl API

Idraak — Online Examination Platform

Nov 2023 – Feb 2026

Full-stack platform for educators to create, run, and grade online exams — in-browser exam editor, student-group management, automatic grading, and one-click spreadsheet export. OAuth authentication across ~26 API routes.

[idraak.vercel.app](#)

STACK Next.js · React · Prisma · PostgreSQL · NextAuth · Tailwind