

Mina Samir

Full-Stack Software Engineer

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PROFESSIONAL SUMMARY

Full-stack software engineer building web applications with React, Angular, and TypeScript, and backend services with Node.js.

EXPERIENCE

Software Developer - VOIS

Jul 2024 - Present

Hybrid

Software development on production systems at VOIS.

- Developed user-centric interfaces using React, Angular, and TypeScript, focusing on accessibility, performance, and consistency.
- Built and maintained backend features using Node.js, ensuring robust communication between frontend and backend layers.
- Authored and maintained technical documentation for APIs, UI components, and internal engineering workflows.
- Mentored engineers through the company's reskilling program by teaching Go, demonstrating technical leadership and community contribution.
- Improved application stability by debugging production issues and delivering well-tested solutions.

Technologies: JavaScript, TypeScript, React, Next.js, Angular, Node.js, Express, NestJS, GraphQL, Go, Docker, Python

Software Engineer (Internship) - alx_africa

Feb 2023 - Nov 2024

Remote

Internship / training track at ALX.

- Completed intensive training in software engineering and problem solving.
- Practiced data structures, algorithms, and system design fundamentals.

Technologies: Algorithms, Docker, Nginx, C/C++, Python, JavaScript, HTML, CSS, Data Structures, Flask, Git, Linux, Bash, MySQL, TypeScript

Freelance Web Developer - Upwork

Jul 2021 - Feb 2023

Cairo, Egypt

Freelance web development through Upwork.

- Delivered responsive websites and web applications for international clients.
- Converted UI/UX designs into functional, user-friendly interfaces.
- Worked directly with clients to clarify requirements, manage delivery expectations, and iterate on solutions.

Technologies: HTML, CSS, JavaScript, React, Redux, Node.js, Express, MongoDB

SELECTED PROJECTS

Form Builder 2026

A drag-and-drop form designer with shareable links, submission validation, and per-form statistics.

Next.js, TypeScript, Clerk, Prisma, PostgreSQL, zod, @dnd-kit/core, Tailwind CSS

Key-Value Store 2026

A Redis-compatible key-value store in Go with RESP2/RESP3 support, sharding, a bounded worker pool, and a bundled CLI client.

Go

EventFlow Microservices 2026

An event platform split into independently deployable services for auth, events, tickets, and notifications, communicating over Kafka.

NestJS, Kafka, PostgreSQL, Drizzle ORM, Docker, Jest, Supertest

SKILLS

Frontend	TypeScript, JavaScript, HTML, CSS, Sass, Tailwind CSS, Material UI, React, Redux, Webpack, React Router, shadcn/ui, Figma, Next.js, Angular, PWAs, TanStack Query, React Native
Backend	Node.js, Express, NestJS, REST APIs, Bun, Nginx, GraphQL, Flask, Socket.IO, tRPC, Firebase, Python, Go, C/C++
Data and messaging	MongoDB, PostgreSQL, Prisma, Redis, Drizzle ORM, Kafka
Testing and quality	Jest, Vitest, Playwright, Zod, Accessibility
Delivery and operations	GitHub Actions, Bash, AWS basics, Docker, Vercel, Contentful, Git, GitHub

EDUCATION

Web & UI - Information Technology Institute (ITI) Trainee at ITI, professional program (9 months) web & UI track	Oct 2023 - Jul 2024
Bachelor's degree, Agricultural Engineering - Cairo University Grade: very good	Sep 2018 - Jul 2022

CERTIFICATES AND COURSES

- NodeJS Internals and Architecture - Udemy, Sep 2025
- Software Engineering - alx_africa, Nov 2024
- JavaScript (Intermediate) - HackerRank, Jun 2024
- Scientific Computing with Python - freeCodeCamp, Nov 2023
- Web Development using Node JS and Angular - National Telecommunication Institute (NTI), Apr 2023
- JavaScript Algorithms and Data Structures - freeCodeCamp, Dec 2022
- Scrum Foundation Professional Certificate (SFPC) - CertiProf, Oct 2022
- Back End Programming - ITshare, Sep 2022
- Responsive Web Design - freeCodeCamp, May 2022
- Advanced Front-End Web Development - Udacity, Dec 2021
- Front End Web Development Professional - Udacity, Jul 2021