

Belal Nagy

Software Engineer — Full-Stack Developer

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SUMMARY

Full-stack developer based in Alexandria, Egypt. I work in Next.js, Laravel, NestJS, Node.js, Django and PostgreSQL. I am currently a Software Engineer at ezSec Inc in Canada, working remotely.

I am the sole developer on Bilqalam Institute, a production learning platform serving thousands of enrolled students. It handles student enrollment and management, billing and invoicing, and the admin reporting dashboards the institute runs on. I built it and I maintain it alone, in Next.js and Laravel.

I also built a multi-tenant LMS engine that runs as three separately branded accredited platforms, Injaz, HC Holding and Mada Education, on one hardened Django and PostgreSQL core. I co-founded Indstrz, a B2B industrial platform, and taught front-end development to 440+ students as an external instructor at ITI. Arabic and RTL work goes into every project I ship, including the financial and data-heavy interfaces.

HIGHLIGHTS

- 36+ projects delivered for 27+ clients across Egypt and the Gulf
- 100% positive client reviews on Khamsat and Nafezly
- Taught front-end development to 440+ students at ITI
- Arabic and RTL shipped in every project, including financial and data-heavy interfaces

EXPERIENCE

Software Engineer — ezSec Inc (Canada) Full-time 01/2026 - Present · Remote, Kitchener, Canada

- Working remotely as a Software Engineer at a Canadian cybersecurity company specializing in easy-to-use cyber security solutions
- Building, maintaining, and shipping software products end-to-end within a fully remote team
- Handling DevOps tasks: deploying finished software to production servers, configuring environments, and keeping services running

Software Developer — Opportunities Makers Co. (Saudi Arabia) Part-time 07/2026 - Present · Remote, Saudi Arabia

- Building the internal client and transaction management platform for a consultancy that handles company formation for foreign investors in Saudi Arabia
- Arabic-first, fully RTL interface with access scoped per employee
- Step-by-step tracking of each formation case from first request to issued documents
- Built with Next.js, React and Tailwind CSS

Co-Founder — Indstrz Side venture 01/2024 - Present · Remote, Egypt

- Co-founded a B2B industrial platform for industrial procurement
- Selected for the Venture Ready Program, implemented by Plug and Play with support from GIZ Egypt and ITIDA, hosted at Creativa Innovation Hubs in Alexandria
- Built the digital RFQ workflow and the real-time negotiation engine
- Led technical development using Next.js, Flask and PostgreSQL

Full Stack Developer — S&F (Saudi Arabia) Part-time 07/2025 - Present · Remote, Saudi Arabia

- Built and maintained full-stack applications using Django, Node.js, React.js, and PostgreSQL
- Designed and deployed backend services & RESTful APIs for web and mobile apps
- Improved database performance and ensured application scalability

External Instructor - Front-End Development — Information Technology Institute (ITI) Contract 07/2025 - Present · Remote, Egypt

Contract

- Taught Front-End Development (HTML, CSS, JavaScript) to more than 440 students
- Designed and delivered practical coding sessions and real-world project guidance

Freelance Web Developer — Self-Employed Freelance03/2025 - Present · Remote, Egypt

- Built full-stack, production-ready web apps for Gulf clients
- Delivered scalable, multilingual, and RTL-supported platforms
- Used React, Next.js, NestJS, Django, and PostgreSQL

Full Stack Development Using Python Intern — Information Technology Institute (ITI) Internship11/2024 - 04/2025 · Hybrid, Egypt

- Worked on hands-on projects covering Python, Django, databases, and front-end technologies

IT Infrastructure Intern — Al Ezz Dekheila Steel Co. EZDK Internship09/2022 - 10/2022 · Alexandria, Egypt

- Gained hands-on experience in IT infrastructure and software development
- Assisted in software development tasks and IT support

SELECTED PROJECTS

Bilqalam Institute Next.js · React · Laravel · PHP · Tailwind

A production learning platform for an institute teaching Qur'an, Arabic and Islamic studies online, serving thousands of enrolled students. I am the sole developer. I built the student enrollment and management system, the billing and invoicing, and the admin reporting dashboards the institute runs on, and I maintain the platform alone. — [bilqalaminstitute.net](#)

Injaz Django · PostgreSQL · Python · Celery · Redis · MyFatoorah

A comprehensive Learning Management System for SCFHS-accredited medical training courses with video-based learning, MCQ assessments, certificate generation, and NELC integration for the Saudi healthcare sector. — [lms-injaz.com](#)

Indstrz Next.js · React · Flask · PostgreSQL · Socket.io · SQLAlchemy

A B2B procurement platform with digital RFQ workflows, real-time negotiation and automated conversation management. Selected for the Venture Ready Program, implemented by Plug and Play with support from GIZ Egypt and ITIDA, hosted at Creativa Innovation Hubs in Alexandria. — [indstrz.com/en](#)

Medicta React Native · Android · REST API · UI/UX Redesign

An Android app for booking doctor appointments and browsing clinic services, published on Google Play. I re-architected the existing codebase and worked through its functional defects — refactoring the app structure while fixing broken flows across booking, authentication and data handling. — [play.google.com/store/apps/details?id=com.medicta](#)

Toyo228 Next.js · NestJS · TypeORM · PostgreSQL · TypeScript · Turborepo

A B2B e-commerce platform connecting Toyota spare parts wholesalers with retail shops, featuring bulk search via Excel uploads, multi-panel dashboards, and a Turborepo monorepo architecture. — [toyo228.com/en](#)

UDUIPA Next.js · NestJS · TypeScript · PostgreSQL · Turborepo · Puppeteer

Official academic union platform for centralized membership management and automated verification workflows using a high-performance monorepo. — [uduipa.com](#)

SKILLS

Programming Languages	Python · JavaScript · TypeScript · PHP · SQL · HTML · CSS
Frameworks & Libraries	Django · Flask · Laravel · Next.js · React · Node.js · Express · NestJS · Tailwind CSS
Databases & APIs	PostgreSQL · MongoDB · MySQL · Redis · REST APIs · WebSockets
DevOps, Infra & Security	Docker · Git · Linux · Nginx · CI/CD · production deployment
Languages	Arabic (native) · English (professional)

EDUCATION

— Alexandria University

- Graduated with Very Good (GPA: 3.265)
- Graduation Project: Jewellery Store Website | Grade: A

COURSES & CERTIFICATIONS

- The Python and Django Learning Guide
- Introduction to Python
- Docker Training Course for the Absolute Beginner
- Git and GitHub
- Web Development Challenger Track
- Mobile App Design Course UI/UX
- Red Hat System Administration I
- Android Application Development