

Emad NN Younan

Egypt, Zagazig
emadunan.com

[GitHub: emadunan](#)
[LinkedIn: emadunan](#)

+20 1003379933
emadunan@gmail.com

SKILLS

Languages & Core Tech: JavaScript, TypeScript, HTML5, CSS3, SQL | Python , C++, C# (Basic)

Frontend Development: React, Next.js, Vite, Tailwind CSS, Redux Toolkit | Angular (Basic)

Backend & APIs:

Node.js, Express.js, NestJS, PostgreSQL, Prisma, TypeORM, Auth (JWT, OAuth2)

Mobile & UI Design: React Native, Expo, Responsive Design, UI Patterns

DevOps & Hosting:

Docker, PM2, NGINX, GitHub Actions, Ubuntu (Debian-based), Vultr, DigitalOcean

Tools & Collaboration:

Git, GitHub, CI/CD, Agile & Scrum, Unit Testing, HTTPS & Web Security

Languages: Arabic (Native), English (Fluent)

PROJECTS

Amen24.org Platform

Stack: Next.js, NestJS, PostgreSQL, React Native, Expo, Docker, NGINX

Sole developer and system architect for a multilingual Christian platform serving Bible content and theological resources across web and mobile:

- Built SSR-enabled full-stack web app with secure user auth and state management (JWT, Passport.js, Redux Toolkit).
- Designed and deployed an advanced Bible search engine with dual-language support.
- Integrated React Native app for Android, with content syncing and bookmarking features.
- Managed end-to-end DevOps (Docker, GitHub Actions, NGINX on Ubuntu VPS).

Egyptian Ministry of Interior Portal (moi.gov.eg)

Stack: .NET, Angular, SQL Server, SharePoint, Swift, Java

Lead developer for the official portal serving millions of Egyptian citizens:

- Oversaw development of dynamic media modules, e-services, and public communications.
- Led cross-functional team delivering web/mobile experiences with shared APIs.
- Ensured high availability, security, and compliance with government hosting standards.

Secure Police Operations Systems (*Internal Use*)

Stack: React, Angular, NestJS, PostgreSQL, .NET, Python, C++, Ubuntu

Contributed to the architecture and implementation of secure internal platforms for law enforcement:

- Developed modules for case management, internal workflows, and multi-role access.
- Implemented security-focused features following national data protection policies.
- Worked in isolated, audited environments adhering to strict compliance protocols.

WORK EXPERIENCE

Full-Stack Web Developer

Ministry of Interior – Cairo, Egypt | Aug 2017 – Present

- Led full-stack development for secure web applications used across various departments.
- Built responsive user interfaces using React, Next.js, and Tailwind CSS; handled internationalization and SEO optimization.
- Developed scalable backend APIs using NestJS with PostgreSQL, TypeORM, and JWT-based authentication.
- Managed CI/CD pipelines via GitHub Actions, configured Linux hosting environments, and deployed production builds on Ubuntu servers using Docker and NGINX.
- Actively collaborated with internal stakeholders to modernize legacy systems and enhance operational efficiency.

Technical Support & Systems Administrator

Ministry of Interior – Cairo, Egypt | Aug 2007 – Jun 2017

- Maintained the ministry's IT infrastructure, including OS installation, hardware configuration, and internal network setup.
- Designed relational databases for case tracking and administrative systems.
- Diagnosed hardware/software failures and delivered technical support under high-security protocols.
- Contributed to internal automation tools that reduced manual tasks and improved data accuracy.

EDUCATION

- Agile and Scrum Fundamentals Certification, IBM | September 2022
- React Development Cross-Skilling Nanodegree, Udacity | June 2022
- Advanced Full-Stack Web Development Nanodegree, Udacity | April 2022

- Professional Front-End Web Development Nanodegree, Udacity | January 2022
- Computer Science for Web Programming Certification, Harvard University | May 2021
- Bachelor of Information Systems, Zagazig University, Egypt | July 2006