

Mahmoud Jamal

Full Stack Developer

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EDUCATION

Al-Azhar University, Systems and Computers Engineering Oct 2019 – Jun 2024 | Cairo, Egypt

- Focused on core computer science and engineering principles, including algorithms, data structures, software engineering, and computer networks.
- **Grade:** Very Good
- **Graduation Project:** [Lane Detection Automated System (LADAS)] (Embedded Systems) - Focused on low-level system architecture, memory optimization, and hardware-software interfacing using C - **Grade:** [Excellent].

PROFESSIONAL EXPERIENCE

Frontend Developer, Platona | Jan 2026 – Present | Cairo, Egypt

- Developed responsive Angular applications, improving cross-device accessibility and increasing overall mobile user retention by 20%.
- Integrated real-time notifications and dynamic data via RESTful APIs, successfully increasing user engagement by 15%.
- Designed and maintained reusable UI components (charts, cards, tables), ensuring pixel-perfect Figma integration and reducing UI development time by 30% for future sprints.
- Managed complex Git workflows (branching, merging, and conflict resolution) to maintain code integrity, reducing post-deployment bugs and merge conflicts.
- Delivered features consistently in Agile sprints, actively participating in code reviews to uphold high development standards and achieve a 100% on-time sprint delivery rate.

Full stack Developer, personal | Apr 2025 – Sep 2025 | Cairo, Egypt

- Architected and developed comprehensive, multi-role web platforms, successfully delivering robust solutions.
- Optimized frontend performance in Angular by implementing Server-Side Rendering (SSR), eliminating initial load flicker and boosting Lighthouse SEO and Performance scores to 95+.
- Developed secure backend services using Node.js and Express.js, integrated with PostgreSQL using Prisma ORM, efficiently handling high volumes of daily API requests.
- Built standardized design systems utilizing Tailwind CSS v4 and PrimeNG, significantly speeding up the frontend development lifecycle by 25%.
- Implemented secure authentication layers (Cookies/JWT) and handled complex state management using RxJS, ensuring zero data breaches during user sessions.
- Collaborated directly with clients to gather requirements and propose technical solutions, resulting in a 100% client satisfaction rate across delivered projects.

PROJECTS

EduLink Platform | *Personal Project (Angular - Node.js)*

- Developed a multi-pillar educational ecosystem integrating roles for students, teachers, institutions, parents, and administrators
- Built a robust backend using Express.js and Prisma, ensuring secure content delivery and reducing database query response time by 30%.
- Implemented Angular SSR to eliminate initial load flicker and boost SEO for public pages, improving overall page load performance , alongside dynamic multi-language (LTR/RTL) support.

Almostaqbal Academy, *Platora Project (Angular - REST APIs)* [<https://www.almostaqbalacademy.com>]

- Developed and maintained the front-end of the system with multiple dashboards, improving overall user navigation efficiency and satisfaction.
- Built interactive teacher and student dashboards for managing learning materials and schedules, reliably handling interactions for 500+ students daily.
- Implemented an administrator dashboard for user management and platform monitoring, streamlining administrative workflows

Nabd Pluse Website, *Platora Project (Angular - REST APIs)* [<https://www.nabd911.com>]

- a bilingual (AR/EN) SaaS HR Management platform built with Angular 21, featuring role-based dashboards, document requirements management, company settings, emergency services, and full RTL/LTR support with lazy-loaded routes.

IN TECH website , *Platora Project (Angular - REST APIs)* [www.intech.sa]

- Developed and maintained the front-end of the system with multiple dashboards, improving overall user navigation efficiency and satisfaction.

SKILLS

- **Frontend Technologies:** HTML5, CSS, SCSS, JavaScript (ES6+), TypeScript, Angular (v20), RxJS, PrimeNG, Angular-lucide, Bootstrap, Tailwind CSS v4.
- **Backend Technologies:** Node.js, Express.js, RESTful APIs.
- **Databases & ORMs:** PostgreSQL, SQL, Prisma ORM.
- **Tools & Version Control:** Git, GitHub (Advanced Workflows), Docker.
- **Methodologies & Architecture:** Agile/Scrum, Clean Code Architecture, Angular SSR (Server-Side Rendering), Data Structures & Algorithms, Problem Solving.

LANGUAGES

- **Arabic** — Native/Bilingual
- **English** — Fluent