MOHAMED ABDELRAHMAN

BACK-END DEVELOPER

Location: Masr Elgedida, Cairo, Egypt | +20 155 501 8863 | mohammed.abdelrahman.dev@gmail.com

Portfolio: https://mohamed-allam.onrender.com/

LinkedIn: https://www.linkedin.com/in/muhammed-abdelrahman/

GitHub: https://github.com/Mohamed3allam/

Professional Summary

Backend Developer focused on designing and implementing secure, scalable APIs with Node.js, Express, and MongoDB. Experienced in building authentication/authorization systems, structuring clean architectures, and optimizing queries for performance. Originally from a business background, I shifted careers into software engineering through self-driven study and professional projects, bringing both technical expertise and a strong product-oriented mindset to backend development.

Experience

Front-end Developer | TJAARA   Sep 2024 – Present

- Developed semi-CMS platforms with Next.js frontends and React dashboards for data control.
- Built pixel-perfect themes based on Figma UI designs, applied across multiple projects.
- Delivered **a full dashboard** application from scratch, with scalable structure and reusable components.
- Created and deployed **responsive HTML emails** aligned with brand identity.
- Currently focused on **bug fixing, refactoring, and codebase improvements**, ensuring performance and scalability.
- Provide mentorship to team members, guiding them on best practices, refactoring strategies, and clean code principles.

Full Stack Developer | 4Design for Advertising and Marketing   (1 year, 4 months)

Full Stack Developer   Jan 2024 – Sep 2024

- Built and maintained **WordPress websites** and custom coded web applications (frontend + backend).
- Delivered full projects independently: from client requirements to deployment.
- In later stages, collaborated with a UI designer to refine and implement interfaces.
- Mentored a remote PHP developer, providing guidance on development practices.

Freelance Full Stack Developer   May 2023 – Jan 2024

- Building and maintaining scalable and secure web applications.
- Designing and implementing custom CMS solutions to meet clients' unique requirements, resulting in increased efficiency and user engagement.

Website Administrator | Genius By Heba Torad   May 2021 – Aug 2022 (1 year, 3 months)

- Managed websites built on **New Zenler platform**, handling updates, content, and full website administration.

- Collaborate with cross-functional teams to optimize website performance, user experience, and SEO.
- Ensured responsive design, correct data integration, and smooth user experience without heavy coding

Education

Ain Shams University | Faculty of Business Credit Hours System   **(Jun 2022)**

B.Sc. Financial Markets & Institutions| GPA: 3.46

Career shift into software development through self-study and hands-on projects.

Technical Skills

- **Backend:** Node.js, Express.js, TypeScript, REST APIs, Web sockets (Socket.io).
- **Databases:** MongoDB, MySQL, Firebase.
- **Cloud/Tools:** Git/GitHub, Docker, AWS (S3, EC2), Vercel/Netlify/Render, CI/CD pipelines.
- **Frontend Foundation:** React.js, Next.js, TypeScript, JavaScript (ES6+), SCSS, Tailwind, Bootstrap Three.js, React Three Fiber.
- **State/Patterns:** React Hooks, Context, Redux (when applicable), Redux Saga, modular routing, form architecture.
- **Performance/SEO:** Code-splitting, lazy loading, image optimization, SSR/SSG, metadata/structured data.

Projects

- **Student Certification Portal (Backend)** — *Node.js, Express Typescript.(Dec 2024)*   [Github]
    - Platform to manage admins, students, diplomas, and enrollments, with certificate generation for completed diplomas.
    - Implemented role-based access and structured diploma phases to track student progress and feedback.
    - Designed the system as a foundation for a full LMS, scalable to include lessons, quizzes, and learning analytics.

- **Apartment Listing Platform** — *Next.js (TypeScript), Express (Typescript) (Aug 2025)* [Live Demo] | [Github]
    - Designed and deployed a custom Express + TypeScript API (AWS EC2) to handle apartment listing CRUD operations.
    - Implemented secure form handling, data validation, and structured endpoints for search and filtering.
    - Containerized the backend with Docker for portability and production readiness.

- **Menus App** — *React Typescript, Node.js (Express), MongoDB .(Jul 2024)* [Live Demo] [Dashboard] [Github]
    - Built RESTful APIs with Express.js and MongoDB to support role-based authentication, menu item management, and category organization.
    - Designed scalable database schemas to store menus, items, and admin roles efficiently.
    - Secured endpoints with authentication/authorization and implemented CRUD operations for robust backend functionality.

Certificates

- **MongoDB Node.js Developer Path.**   [Credential]
- **Front-end UDACITY participation Certificate.**   [Credential]
- **Full stack UDACITY participation Certificate.**   [Credential]

Volunteering

Enactus ASU   **2021 – 2022**

Projects Member

Premium Club ASU   **2021 – 2022**

Media Head

Basmah Foundation ASU   **2020 – 2021**

IT Member