

MOHAMED ABDELRAHMAN

FULL-STACK DEVELOPER

Location: Masr Elgedida, Cairo, Egypt | [+20 155 501 8863](tel:+201555018863) | 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

Full-Stack Developer with expertise in building end-to-end applications using React.js/Next.js, Node.js, Express, and MongoDB. Skilled at designing intuitive, high-performance frontends and robust, scalable backends, I can take a product from concept to deployment on cloud platforms. Having shifted careers from business into software development through self-study and hands-on projects, I bring a unique mix of problem-solving, adaptability, and ownership — delivering production-ready solutions across the entire stack.

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

- **Frontend:** React.js, Next.js, TypeScript, JavaScript (ES6+), SCSS, Tailwind, Bootstrap Three.js, React Three Fiber.
- **Backend:** Node.js, Express.js, TypeScript, REST APIs, Web sockets (Socket.io).
- **Databases:** MongoDB, MySQL, Firebase.
- **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.
- **Cloud/Tools:** Git/GitHub, Docker, AWS (S3, EC2), Vercel/Netlify/Render, CI/CD pipelines.

Projects

- **Apartment Listing Platform** — *Next.js (TypeScript), Express (Typescript) (Aug 2025)* [\[Live Demo\]](#) | [\[Github\]](#)
 - A **Responsive Apartment Marketplace** with **search, filtering, and form handling** for adding new listings.
 - Implemented **modular, type-safe components** using React Hook Form and Bootstrap for clean UI and usability.
 - Integrated with a custom **Express + TypeScript API** (AWS EC2) to fetch and persist listings.
 - Frontend deployed on **Vercel**, backend deployed on AWS EC2.
 - Full app containerized with **Docker** for portability.
- **Menus App** — *React Typescript, Node.js (Express), MongoDB .(Jul 2024)* [\[Live Demo\]](#) [\[Dashboard\]](#) [\[Github\]](#)
 - Built a full-stack restaurant menu management app with client side and dashboard where admins can create, update, and organize categories & items.
 - Implemented a clean, responsive UI with search & filters for easy menu navigation.
 - Integrated role-based authentication and MongoDB for secure, scalable data storage.
 - Designed API endpoints with Express.js to handle menu CRUD operations efficiently.
- **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.
- Information Fortress Cybersecurity** — *Next.js, Redux Saga. (Dec 2024)* [\[Production Link\]](#)
 - A bilingual informative website optimized for performance and SEO, delivered under Nourseen.
 - Implemented responsive design and localization to deliver a seamless user experience across languages and devices.
 - Delivered as part of my role at Tjaara.
- Athman Al Emtiyaz** — *Next.js, Redux Saga. (Oct 2024)* [\[Production Link\]](#)
 - A bilingual informative website optimized for performance and SEO, delivered under Nourseen.
 - Implemented responsive design and localization to deliver a seamless user experience across languages and devices.
 - Delivered as part of my role at Tjaara.
- 3D T-Shirt Configurator** — *React, Three.js, React Three Fiber. (Aug 2024)* [\[Live Demo\]](#) | [\[Github\]](#)
 - 3D T-Shirt customization tool allowing users to design and preview t-shirts with personalized text, logos, and colors.
 - Implemented real-time rendering using Three.js + React Three Fiber for a smooth user experience.
- Personal Portfolio Website** — *React, Three.js, React Three Fiber. (Jun 2024)* [\[Live Demo\]](#) | [\[Github\]](#)
 - Built a fully responsive portfolio showcasing my skills, projects, and experience as a web developer.
 - Optimized for performance, SEO, and user experience across desktop and mobile devices.
- WOMS Website** — *React.js, Bootstrap. (Dec 2023)* [\[Live Demo\]](#) | [\[Github\]](#)
 - A web-based solution for managing workflow and orders for a medical business.
 - Built using React.js with a focus on user experience and responsiveness.
- Al Phoronya Website** — *React.js, Bootstrap. (Sep 2023)* [\[Live Site\]](#) | [\[Github\]](#)
 - A real estate platform showcasing properties with an intuitive and modern interface.
 - Built with React.js and optimized for performance across web and mobile devices.
- Premium Club ASU Website** — *React.js. (Jan 2022)* [\[Live Site\]](#) | [\[Github\]](#)
 - Developed a fully responsive website for a student organization at Ain Shams University.
 - Implemented multi-page navigation, event pages, and user-friendly UI/UX for students and visitors.
- Basmah ASU Website** — *React.js. (Sep 2020)* [\[Live Site\]](#) | [\[Github\]](#)
 - One-page React site using Styled Components for Basmah Foundation's mission and activities.

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	