

# Abdallah Mohsen

Software Engineer

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## Summary

- Junior Frontend Developer (Next.js, React) with 1 year of experience, Computer Science graduate from FCAI-CU (2024). Skilled in building responsive, user-friendly interfaces and also experienced in implementing full-stack applications using Nest.js, Next.js.

## Education

**Cairo University**, BSc. in Computer Science and Artificial Intelligence Sept 2020 – July 2024

## Experience

**Web Developer Freelancer** [employme-egy.com](http://employme-egy.com) Sept 2025 – Present

- Developed a full employment marketplace platform connecting **job seekers** and **employers**.
- Implemented features for job seekers to create accounts, upload CVs, apply for jobs, and track the status of their applications in real time.
- Built an employer dashboard with Paymob integration for subscriptions, job posting management, applicant tracking, and application notes.
- Designed an admin dashboard for full system control, analytics, and user management.

**Web Developer Freelancer** June 2025 – Aug 2025

- Developing and maintaining an online booking system for XIOT.

**Software Engineer**, Tecnoblocks Sept 2024 – June 2025

- Built and integrated RESTful APIs and WebSocket endpoints to support real-time features using Socket.IO.
- Gained hands-on experience integrating payment gateways like Stripe and PayPal, enabling secure transactions, subscription billing, and webhook handling.

**Backend Intern**, Macber July 2024 – Oct 2024

- Developed and deployed a full-featured HR system, enhancing automation of core processes and improving administrative efficiency.
- Gained valuable insights into organizing code effectively, applying various design patterns, and understanding fundamental principles of software architecture.

## Projects

**Online XO - Solo Project** Live | Code Oct 2024

- An interactive online Tic-Tac-Toe (XO) game using Next.js and Socket.IO, featuring real-time multiplayer functionality, with dynamic board size.
- Enabled users to play with board size up to 10.000

**Emails Marketplace** Live | April 2025 – May 2025

- Implemented user resale and auction features for digital assets.
- Implemented Ethereum-based payment for email purchases and real-time notifications.

**Certificates Platform** Live | April 2025 – May 2025

- Built a platform to store certificates safely in blockchain.
- Integrated Stripe for user subscriptions and payment processing.

**Chatbot Generator - Solo Project** Live | Code May 2025 – June 2025

- A chatbot builder platform that allows users to visually design conversation flows and embed them into their websites or apps (npm package) like Telegram bots.
- Experienced in testing Next.js and React applications using tools such as Jest and React Testing Library to ensure code quality and reliability.

## Skills

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- **Programming Languages:** TypeScript, JavaScript, Python, C++, C#.
- **Backend:** Node.js, NestJS, Microservices, WebSocket.
- **Frontend:** Next.js, Redux, React, HTML, CSS, Tailwind CSS.
- **Other Skills:** Databases, Software Architecture, Testing, Strong CS Fundamentals, Payment Integration.

## Languages

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Native

Very good

Arabic

English