

Abdelrhman Ayman Fathi (Front-End Web & Cross-Platform Mobile Developer)

+20 1145566672 | abdelrhman.ayman.fathi@gmail.com | Maadi, Cairo, Egypt

<https://www.linkedin.com/in/eng-abdelrhman-ayman>

<https://github.com/AbdelrhmanAymanFathi>

Summary

Front-end and cross-platform mobile developer passionate about creating responsive, user-friendly web applications. Skilled in React, Cordova, Tailwind, Firebase, and Blazor .NET, with experience delivering e-commerce platforms, financial applications, and custom web solutions. Strong focus on performance, scalability, and seamless user experiences.

Education

Bachelor of Computer Science — Thebes Academy, Cairo

(2021 – 2025) | GPA: 3.34/4.0

Graduation Project: Smart Home System — Developed a unified smart home application using Blazor Server & Blazor Hybrid integrated with ESP32 controllers via MQTT & RESTful .NET Web API, and MongoDB for data storage. Implemented device management, real-time monitoring, and control features for lighting and sensors.

Project: <https://github.com/Rei0Ni/SmartHome.git> | Firmware: <https://github.com/Rei0Ni/SmartHome.ESP32.git>

Experience

El-Ziaty Group – Frontend Developer

Jan 2025 – Aug 2025

- Developed cllassy.co, an e-commerce platform for women's clothing targeting Egyptian and Saudi markets, using React.js, Tailwind CSS, and Firebase (Auth & DB).
- Implemented responsive UI, secure payment integration, and SEO/performance optimization.
- Side Project: Jmaia (FundCircleApp) — Built a mobile-first rotating-savings app frontend with HTML, Tailwind, and Vanilla JS (30+ responsive views), later converted to Android via Apache Cordova.

Freelance – Full-Stack Developer

Sep 2024 – Mar 2025

- Built a Money Fellows-like association system with Node.js & MongoDB backend and Flutter frontend.
- Implemented JWT authentication and real-time notifications.

Phoenix Consulting – Website Developer Intern

Jul 2024 – Sep 2024

- Contributed to the Website Soccer project with responsive UIs in React, HTML, CSS, and JavaScript.
- Improved code quality, styling, and user experience.

CodeAlpha – Frontend Development Intern

Dec 2024 – Jan 2025

- Completed a 1-month internship focusing on modern frontend technologies.

Skills

- Frontend: HTML5, CSS3, JavaScript (ES6+), TypeScript, Tailwind CSS, Bootstrap, React.js, Cordova, Blazor .NET
- Backend: Node.js, PHP, Python, MongoDB, SQL, PostgreSQL
- Tools & Others: Git, GitHub, Figma, Adobe XD, Docker, Firebase

- Networking: CCNA, Network Security
- Testing: Jest, Cypress, k6

Projects

- **Smart Home System**
Blazor Server & Blazor Hybrid-based smart home web & mobile app integrated with ESP32 via MQTT & RESTful API; MongoDB storage; device management, real-time monitoring, and control features (GitHub, Firmware)
- **Imaia**
Financial circle platform with static HTML + Tailwind + Vanilla JS frontend & Node.js backend (Frontend, Backend)
- **classy.co**
Fully responsive e-commerce site with secure payments & SEO optimization.
- **CRUD Application**
Vanilla JS + JSON Server API + Bootstrap (GitHub)

Courses And Certificates

- **React + Redux — Udemy** **Apr 2023**
 - Gained proficiency in building complex state-managed applications with React.js and Redux, including middleware, reducers, and asynchronous data handling.
- **Smart Code Academy – Frontend Development Certification** **Aug 2023**
 - Completed the full frontend development track covering HTML, CSS, JavaScript, ES6, Bootstrap v4 & v5, Tailwind CSS, and React.
 - Developed multiple projects, including **Smart Shop**, an e-commerce platform built with React.js.
- **Certified Frontend Developer — Udemy** **Apr 2024**
 - Completed a structured program covering HTML5, CSS3, JavaScript, ES6+, and modern frontend workflows, with hands-on projects demonstrating responsive design and interactivity.
- **Modern JavaScript: ES6+ — Mahara Tech** **Nov 2024**
 - Learned all ES6 features and enhancements, making JavaScript coding easier, faster, and cleaner.
 - Covered topics such as new primitive data types, block scoping with let & const, object literals, default parameters, template strings, classes, private & static members.
 - Studied advanced concepts including arrow functions, destructuring, spread/rest operators, promises, async/await, modules, iterables, generators, Maps, Sets, Proxies, and features up to ECMAScript 2020.
 - Gained skills to write modern, maintainable, and efficient JavaScript following industry standards.
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- **Cyber Security: Introduction to Network Security** **Aug 2025**
 - Learned key principles of network and information security, including the CIA triad, risk assessment, and network monitoring.
 - I gained practical experience using TCPDUMP and Wireshark for traffic analysis.
 - Configured firewalls, IDS, and IPS for network protection.
 - Studied wireless encryption standards (WEP, WPA, WPA2) and identified vulnerabilities.
 - Learned to mitigate wireless threats and defend against social engineering attacks.

Languages

Arabic : Native

English : Very Good