# Ahmed Ramadan

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## Summary

Resourceful and passionate Computer Science graduate and aspiring Software Engineer specializing in full-stack development. Skilled in creating responsive front-end interfaces, building scalable back-end systems, and designing efficient databases for seamless integration. Adept at delivering user-focused, data-driven solutions that enhance usability and performance. Experienced in competitive programming and problem-solving, with a proven ability to tackle complex challenges. Committed to continuous learning and staying ahead of industry trends to deliver innovative, high-quality software solutions.

## Education

**Minia University**, Computer Science                                                           Sept 2021 - June 2025
Graduated from computer science Minia, EG

## Cources

**Information Technology Institute (ITI)**                                                    July 2023 - Aug 2023

Summer Training in MERN Stack
- Intensive training program focused on the MERN (MongoDB, Express..js, React, Node..js) stack. Covered full-stack development, including backend and frontend technologies, database management, and deploying web applications.
- **Certificates** ☑

## Projects

**Al-kolood Profile**                                                                                              Oct 2025
- Live Demo: https://al-kolood.netlify.app/ ☑
- Al.kolood profile is a Contracting Establishment portfolio website featuring a modern design and seamless user experience.
- Stack: Typescript, Vite, React, TailwindCSS and more packages.

**Titans**                                                                                                          July 2025
- Live Demo: https://titans-iota.vercel.app/ ☑
- Is a business solutions company portfolio website featuring a modern design and seamless user experience. The site integrates with Google Sheets to efficiently handle form submissions and data management.
- It in development mode now.

**Igatha**                                                                                              May 2025 - July 2025
- Live Demo: https://hajj-omrah-ui.vercel.app/ ☑
- Is a collaborative platform that connects Hajj campaigns, catering centers, suppliers, and charities. Campaigns can order ready-made meals from catering centers, while catering centers can purchase ingredients and products from suppliers. Both can easily donate surplus food and supplies to charities through the platform.
- Igatha provides integrated payments, real-time notifications, and secure file storage, making the entire process of food procurement and charitable giving during Hajj more efficient and transparent.

**Nafsia**                                                                                    Feb 2025 - June 2025

- Github Repo: https://github.com/ahmd-ramadan/Nafsia ⬈
- Is a mental health support app created to break the stigma around mental health in Arab communities. The platform offers educational content from certified therapists, peer-to-peer support rooms, group therapy sessions, and a comprehensive therapist directory. Therapists benefit from professional tools to manage patient insights and grow their practice.
- As the backend developer, I built scalable, privacy-focused systems using TypeScript, Node.js, Express.js, and MongoDB.
- Nafsia aims to make mental healthcare accessible, safe, and judgment-free for everyone.

**Raha**                                                                                       June 2024 - Mar 2025

- Live Demo: https://raha-furniture.com/ ⬈
- Raha is a robust, bilingual e-commerce platform built for a seamless shopping experience in both Arabic and English.
- It features secure multi-role authentication, a dynamic vendor system, advanced product and inventory management, real-time order tracking, automated invoicing, and instant notifications. With a modern tech stack (Next.js, Express.js, MongoDB, Tailwind CSS, and more), Raha delivers a scalable, user-friendly solution for both customers and vendors.
- Developed as a freelance project, it showcases my expertise in building secure, scalable, and feature-rich web applications.

**AttendEase**                                                                                       March 2025

- Live Demo: https://attend-ease-lilac.vercel.app/ ⬈
- Github Repo: https://github.com/ahmd-ramadan/AttendEase ⬈
- Is a fullstack application designed to help university professors accurately manage student attendance.
- It features geolocation verification to ensure students are present in the designated area and uses fingerprint.js to generate unique device identifiers, preventing multiple students from signing in on the same device. This solution streamlines attendance tracking and enhances academic integrity.

**Natiga**                                                                                             Nov 2024

- Live Demo: https://natiga-ecru.vercel.app/ ⬈
- Github Repo: https://github.com/ahmd-ramadan/Natiga ⬈
- is a fullstack application designed for educational centers to efficiently publish and manage students' exam results. The platform leverages xlsx.js to seamlessly import grade files and store them in a database, making results easily accessible for students and administrators.

# Experience And Achievements

Solved over 2500 problems on platforms like **Leetcode** ⬈, **Codeforces** ⬈ and more, enhancing algorithmic thinking and coding skills.

Participated three times in the ECPC qualification rounds, demonstrating strong competitive programming capabilities **Certificates** ⬈

Reached Round 2 of the Meta Hacker Cup 2023, demonstrating strong problem-solving skills in competitive programming **Certificate** ⬈

## Skills

**Languages:** C++, Java Script, TypeScript.

**Hands on:** Node.js, Express.js, Nest.js, MongoDB, Mongoose, PostgreSQL, Oracle, MySql, Prisma, HTML, CSS, React, Vite, Next.js, Tailwind CSS, Redux, EJS, Pug, Git / GitHub.

**Related skills:** OOP and OOD, Data Structure, Algorithm, Design Patterns, Problem Solving, Competitive Programming.