

Ahmed Mohamed Hegazy

Junior Back-end Developer

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[GitHub](#) | [LinkedIn](#)

About

Junior Backend Developer with practical experience in building Node.js applications and APIs. I've developed several personal projects using Express, MongoDB, and JWT authentication. Passionate about writing clean, maintainable code and continuously improving backend performance.

Education

Mansoura University - Bachelor of Engineering (2019–2024)
Electronics and Communication || Very Good - Graduation Project (A+)

Training

- **Information Technology Institute (ITI) — Full-Stack Web Development Using MEARN (Jul 2025 – Present)**
Intensive training program covering modern web development technologies and frameworks.
 - ◆ Working on real-world projects using MongoDB, Express.js, Angular/React, and Node.js to build complete web applications.
- **Route Academy — Front-End Development (Aug 2024 – Feb 2025)**
Completed a 6-month hands-on training program; built multiple front-end projects using HTML, CSS, JavaScript, and React.
 - ◆ Gained strong experience in responsive design, API integration, and version control using Git and GitHub.
- **National Telecommunication Institute (NTI) — Cyber Security (Aug 2023 – Sep 2023)**
Completed a one-month introduction to information security, privacy, and cyber threat fundamentals.
 - ◆ Learned about network vulnerabilities, ethical hacking basics, and techniques for securing systems.
- **Damietta Port Authority — Network Training (Jul 2022 – Aug 2022)**
Completed one-month training on computer network fundamentals and practical networking concepts.
 - ◆ Practiced configuring routers and switches, IP addressing, and basic network troubleshooting.

Projects

- **Blog API** — [\[GitHub Repository\]](#)
A task management API built using **Node.js** and **Express**. It allows users to perform basic CRUD operations — creating, reading, updating, and deleting tasks. Demonstrates RESTful API design principles and uses **MongoDB** for data storage.
 - ◆ Focused on backend logic, routing, and API architecture following MVC structure and best practices.
- **Spark Fund (Crowdfunding Platform)** — [\[GitHub Repository\]](#)
A web app that allows users to submit and support community-driven projects. Built using **HTML, CSS, and JavaScript**, with local data handling via **JSON**. Implemented project submission forms, project listing, and local JSON storage.
 - ◆ Emphasized user experience and front-end functionality through form validation and dynamic DOM manipulation.
- **E-Commerce App** — [\[GitHub Repository\]](#)
Enhanced an e-commerce app delivering a seamless and visually appealing shopping experience. Featured a wide range of products and secure payment methods. Adapted responsive layouts for both mobile and desktop devices.
 - ◆ Applied **responsive design techniques** and improved UI/UX with reusable components and media queries.
- **Weather App** — [\[GitHub Repository\]](#)
Provides real-time, accurate weather updates for any location and offers an extended forecast for planning ahead.
 - ◆ Integrated **OpenWeatherMap API**, optimized data fetching, and implemented a clean, minimal UI for easy navigation.
- **Graduation Project: Network Infrastructure Design and Security Enhancement**
Designed and implemented a network infrastructure connecting two company branches via **VPN**, with **firewall integration** and **performance optimization**.

Skills

HTML, CSS, Sass, Bootstrap, Tailwind CSS, Responsive Design, JavaScript (ES6+), TypeScript, React.js, Next.js, Node.js, Express.js, MongoDB, Mongoose, RESTful APIs, JWT, Git, Postman

Student Activities

Member of the Breaking Point team, contributing to various projects.

Languages

Arabic: Native | English: Intermediate | French: Beginner