Abdulrahman Hegazy

Backend Developer

About Me

Computer Engineering student with practical experience in backend development. Skilled in designing and implementing authentication systems, scalable APIs, and data-driven services. Continuously developing an engineering mindset through self- learning, with focus on problem-solving, clean architecture, and system reliability. Passionate about deepening technical expertise, exploring new backend technologies, and applying structured approaches to real-world challenges.

Education

Bachelor of Science in Computers & Systems Engineering at Al-Azhar University, Cairo, Egypt

October 2023 - Present

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming (Java), Digital & Logic Design, Electronics.

Current Focus: Expanding expertise in backend development and software engineering practices, including version control and testing and more.

Projects

Express Auth API Boilerplate – Node.js, Express.js, MongoDB, JWT • ↗

Built a production-ready authentication API with JWT, OAuth 2.0 (Google, GitHub, Microsoft), email verification, and password reset. Implemented role-based access, rate limiting, Swagger docs, and enterprise-level security practices.

E-Commerce API – Node.js, Express, MongoDB, Stripe • ↗

Production-ready and full-featured e-commerce backend with product catalog, search/filtering, shopping cart, order processing, reviews, and Stripe payment integration. Includes admin management and optimized database queries.

Modern Next.js Portfolio – Next.js, React, Tailwind, Framer Motion • ↗

Created a modern, responsive portfolio with dark mode, 3D interactive hero section, smooth animations, blog, and contact form (EmailJS). Fully SEO-optimized with clean design and performance best practices.

Certificates

JavaScript Algorithms and Data Structures Certificate from Freecodecamp

July 2025 • ↗

Complete Node.js (Node.js, Express.js, MongoDB) Certificate from MaharaTech (ITI)

July 2025 • ↗

Info

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Alexandria, Egypt

Links

GitHub
LinkedIn
Portfolio

Skills

Programming Languages:
JavaScript (Node.js), TypeScript, Java, OOP

Backend Development:
RESTful APIs, Authentication & Authorization Systems, System architecture, Design Patterns Security best practices

Frameworks & Libraries:
Express.js, Passport.js, OAuth2, socket.io, zod, winston, helmet …more

Databases Management:
MongoDB/Mongoose, Redis (Caching)

DevOps & Tools: Git/GitHub, Command Line, Unit Testing (Jest), API Documentation (Swagger)

Languages

English - Proficient
Arabic - Native