

ABDULLAH ELROUBY

Frontend Developer

Cairo, Egypt

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Summary

Computer Engineering student and Frontend Developer specializing in building high-performance, scalable web applications. Proven track record in optimizing React applications, reducing load times by up to 75%. Strong foundation in data structures and algorithms with a focus on writing clean, maintainable code and collaborating in agile environments.

Technical Skills

Frontend: HTML5, CSS3, JavaScript (ES6+), TypeScript, ReactJS, Next.js, Angular, Tailwind CSS, Bootstrap

Backend & Database: Node.js, Express.js, .NET, SQL Server, MySQL, MongoDB, Firebase

Tools & Devops: Git, GitHub, VS Code, Figma, Google Cloud Platform, Android Studio, Postman, Multer

Other Languages: C++, C#, Java, Python, Dart, Liquid, Assembly

Experience

Part-time Frontend Developer

Dec 2024 – Jun 2025

Baghdouda Solutions (Startup)

Alexandria, Egypt

- Developed a role-based e-learning platform (Nour Al-Eman) with optimized API integration using TanStack Query.
- Refactored key components to enhance performance, achieving up to 75% faster load times and 50% fewer re-renders.
- Impact: Eliminated 100% of redundant API calls via caching and boosted Time to Interactive (TTI) by 50-100%.

PR Core Team Member

Sep 2023 – Nov 2024

GDSC BHI-47

Alexandria, Egypt

- Coordinated logistics and negotiated deals with service providers for the IWD'24 Alexandria tech event.
- Secured strategic sponsorships and partnerships to support college-level technical workshops and events.

Projects

Portfolio API | *Node.js, Express, MongoDB, Mongoose, JWT, Multer*

Aug 2025

- Built a secure REST API featuring JWT-based authentication, role-based access control, and protected routes.
- Implemented reusable CRUD controllers and file uploads with Multer for scalable content management.
- Deployed with MongoDB Atlas and production-ready middleware to ensure data persistence and security.

Portfolios Dashboard | *React, Axios, TanStack Query, Tailwind CSS*

Sep 2025

- Created a secure admin dashboard to manage server data using JWT and TanStack Query for efficient state management.
- Optimized frontend-backend request flows by debugging and refining the integration with the Portfolio API.

Rouby | *React, Firebase, EmailJS, CSS, Bootstrap, Portfolio API*

Sep 2024

- Built a responsive personal portfolio from scratch using React, incorporating contact messaging via EmailJS.
- Initially managed data with Firebase and later migrated the architecture to a custom Portfolio API for improved scalability.

Education

Bachelor of Computer Engineering

Sep 2021 – Present

BHI-47 (GPA: 2.9)

Bihera, Egypt

Relevant Coursework

Data Structures, OOP, Algorithms Analysis, Database Management, Computer Architecture, System Programming.