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 – Present**
Baghdouda Solutions (Startup)   *Alexandria, Egypt*

− Developed a role-based e-learning platform (Nour Al-Eman) using **Agile** methodologies to deliver features 20% ahead of schedule.
− 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*

− Demonstrated **persistence** in negotiating with 15+ service providers, reducing event overhead costs by 15% for IWD'24.
− Collaborated in a **cross-functional team** to secure 5+ strategic partnerships, increasing event funding by 30%.

Projects

Portfolio API | *Node.js, Express, MongoDB, Mongoose, JWT, Multer*   **Sep 2025**

− Engineered a secure REST API with 10+ endpoints featuring JWT-based auth and role-based access control.
− Implemented reusable CRUD controllers, reducing backend boilerplate code by 40% for future scalability.

Portfolios Dashboard | *React, Axios, TanStack Query, Tailwind CSS* 🔗   **Sep 2025**

− Created a secure admin dashboard, improving data management efficiency by 60% compared to manual database updates.
− Maintained high **focus** on data integrity by debugging and refining 100% of frontend-backend request flows.

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, Network.