Abdelrahman **Hegab**

SOFTWARE DEVELOPER

5th Settlement, New Cairo, Egypt

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Summary

Experienced Software Developer with nearly 3 years of expertise in problem-solving, coding, and software development. Skilled in web development and passionate about leveraging cutting-edge technologies. Seeking a technical role to further enhance my advanced software engineering skills and drive impactful projects.

Work Experience

Spare Payments
Cairo, Egypt

FULLSTACK SOFTWARE DEVELOPER — *Mar. 2024 - Currently Employed*

- Contributed to a fintech project for digital payments, using Angular, Ionic, Node.js, and MySQL, with Redis for caching.
- Played a role in implementing a microservices architecture to efficiently manage high-volume transactions within the project.
- Designed secure APIs for data access, prioritizing integrity and privacy, and optimized data storage with MySQL integration.

Alfan
UAE, Remote

FRONTEND DEVELOPER — *Jan. 2023 - Apr. 2024*

- Developed a responsive frontend using React, enhancing user experience and interface responsiveness.
- Collaborated with the design team to create an intuitive and aesthetically pleasing user interface.
- Automated tasks through custom script development, improving efficiency by reducing manual processes.

Tensorgraph.io
Maadi, Egypt

JUNIOR SOFTWARE ENGINEER — *AUG. 2021 - JAN. 2023*

- Developed software features across the entire lifecycle, from ideation and requirements definition to development, testing, and deployment, enhancing product functionality
- Created RESTful APIs using Node.js and PostgreSQL, improving backend performance and reliability.
- Collaborated on developing an intelligent recommendation system using TensorFlow, which enhanced client satisfaction and engagement.

Education

German University in Cairo
Cairo, Egypt

B.S. IN COMPUTER SCIENCE AND ENGINEERING — *OCT. 2018 - JUN. 2023*

- Awarded 30% scholarship for academic achievements.

Projects

Musicpedia A website where you can search for the lyrics and metadata of songs, albums or artists. Utilizing Deezer API and Genius API for the data. The backend is a simple NodeJS server with Redis database to cache the data and the Frontend is made using Angular and State management using a combination of NGRX and Redux-toolkit.

Currency Exchanger A MERN stack project that uses the Fixer API to showcase the conversion rate between different currencies. The database for storing users' favorites is MongoDB and Registering and Login authentication flows are handled using JWT Authentication.

Spare Cart An Angular shopping cart frontend built with clean code and efficient data management. Employing service subject pattern and enabling data sharing between tabs, it adopts a fully reactive and declarative data handling approach.

Skills

Front-End Development	Angular, NGRX, React, Redux, HTML5, CSS/SASS, JavaScript, TypeScript
Back-End Development	Express, Django, REST API, Socket.io, MongoDB, SQL
Programming Languages	Node.js, Python, JAVA, C, PHP, Haskell, Prolog
Languages	Arabic (Native), English (Fluent)