Mostafa Reda

Frontend developer | Nasr City , Cairo
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EDUCATION

AIN SHAMS UNIVERSITY
Faculty of science
B.S. IN COMPUTER SCIENCE
2017 - 2021

SOCIALS

Facebook:// **Mostafa Rd**
Github:// **MostafaMahgoub**
LinkedIn:// **Mostafa Reda**
Twitter:// **@MostafaRD**

COURSEWORK

UNDERGRADUATE
Data Structure
Operating Systems
Artificial Intelligence
Algorithms
Complexity
Computer Graphics
Image processing
Android

SKILLS

PROGRAMMING
Over 7 projects:
• Electron.JS • Vanilla Javascript • HTML
• Python • CSS • MongoDB • MySQL
• Socket programming • Leaflet.JS
• NodeJS • Bootstrap
• Map APIs [Mapbox - Google maps]
• Git • Caching
Over 1 project:
• C++ • PHP • Dart • Flutter
• ExpressJS • Material UI
• Unity • Firebase • React JS • Sass
Familiar:
• React Native • Vue JS

EXPERIENCE

RESEARCH AND DEVELOPMENT CENTER "EGYPTIAN AIR DEFENSE MILITARY COMMANDS" | Software Engineer
May 2022 - May 2023 | Cairo
- Developed and maintained over 7 desktop applications using Electron.
- Leveraged Map APIs to integrate location-based features into the applications, such as geolocation and map visualization.
- Implemented both relational and non-relational databases, including MySQL and MongoDB, to manage application data and facilitate efficient data storage and retrieval.

PROJECTS

ADVISING MANAGEMENT SYSTEM | Graduation project
2020 – 2021
This project aims to assist three types of users: administrators, doctors, and students. It enables them to complete college paperwork through the app, including tasks such as course registration, attendance tracking, and over 30 additional features.

A.D.M (AIR DEFENSE MILITARY) | Electron.JS projects
2022 – 2023
Built eight Electron desktop apps with map APIs, MySQL/Mongo databases, socket programming for real-time communication, and maintained large legacy JavaScript codebases. Delivered high-quality products meeting clients' specifications and applauded for their excellent performance and functionality

PORTFOLIO | ReactJS project
May 2023 - June 2023
Created a React and Sass portfolio website with dynamic UI, reusable CSS styles, animations, and transitions. Leveraged React's component-based architecture and state management to ensure a responsive interface. Wrote clean, modular CSS with Sass. Optimized UX with animations and transitions, and ensured accessibility. Deployed on Vercel for easy access to my skills and projects.

PART OF SPEECH | ReactJS - ExpressJS project
July 2023 - July 2023
Developed an interactive web activity using React.js and Node.js with Express.js, including features such as fetching random words and calculating progress. added features such as quiz termination, dark and light mode, animations, and used TypeScript and Sass. I wrote clean, reusable, and well-documented code that adheres to the DRY principle and code readability standards.

LANGUAGES

English   VERY GOOD
ARABIC   MOTHER TONGUE

SOFT SKILLS

- Rapidity typing on keyboard. (114WPM+)
- Quicker learner.
- Has leading skills.
- Team communication.