

Zainelabdeen Elgraeed

📍 Dubai, United Arab Emirates

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in zainelabdeen-salah

Professional Summary

Results-driven Full Stack Developer with over 5 years of experience in developing scalable and efficient applications using Modern JavaScript (ES5, ES6, TypeScript), OOP, React, TDD, HTML5, and CSS3. Proven track record of **improving applications, delivering features, and problem-solving** in Agile/Scrum environments. Skilled in **developing, architecting, and maintaining** complex software systems, with a strong passion for **collaborating and innovating** with cross-functional teams to drive business growth and utilizing knowledge of computer science, coding, and software engineering principles.

Education

B.S.c. (Honours)

Dec 2007 - Dec 2012

University of Gezira, Computer Engineering Technology

Experience

Full Stack Developer

Mar 2022 - Oct 2024

Sphere IT, Dubai, United Arab Emirates

- Spearheaded the development of a dynamic web dashboard to efficiently manage customer data, define geographic areas with polylines, and implement a comprehensive notification service, utilizing problem-solving skills and forward thinking.
- Integrated CASL to provide secure, role-based access control, ensuring precise authorization for admin users and compliance with security standards.
- Architected and developed the back-end infrastructure for a cutting-edge taxi ride-sharing platform, leveraging expertise in application development, coding, and computer science.
- Implemented real-time ride-sharing features, including geolocation and mapping services, using Google Maps API and ensuring a seamless user experience.
- Optimized data management and retrieval with Redis and PostgreSQL, ensuring high performance and scalability, and utilizing knowledge of data structures and algorithms.

Full Stack Engineer

Oct 2019 - Mar 2022

Musafer Information Technology Co. Ltd., Khartoum, Sudan

- Designed and developed a customer-facing dashboard using React, ensuring a seamless user experience and utilizing knowledge of design principles and user interface design.
- Leveraged Redux and Redux-Saga for efficient state management and side-effect handling, and integrated Apollo Client for state management and caching, optimizing data fetching and synchronization.
- Employed Material-UI to create a polished, responsive user interface and implemented React Router for smooth navigation and React Hook Form for efficient form management.

Full Stack Developer

Apr 2018 - Oct 2019

Nano Technology Co. Ltd., Khartoum, Sudan

- Expertly crafted and maintained responsive dashboards using React, Redux, Redux-Saga, React Router, Formik, and Semantic UI React, and developed and maintained scalable RESTful APIs using Node.js, Express.js, and Sequelize.js.
- Implemented Redux and Redux-Saga for efficient state management, ensuring smooth data flow and handling complex side effects, and utilized knowledge of object-oriented programming and software engineering principles.

System Administrator

Mar 2017 - Apr 2018

University Of Gezira, WadMedani, Sudan

- Installed and managed operating systems including FreeBSD, CentOS, and Windows Server (2008 R2), and administered servers including Web Server, DNS server, Zimbra Mail Server, and Bacula Backup Server.
- Assisted in installing and managing pFSense Firewall and utilized knowledge of network security and compliance.

Teaching Assistant

Feb 2013 - Nov 2015

Faculty Of Engineering & Technology, University Of Gezira, WadMedani, Sudan

- Assisted in the educational and social development of students in the Faculty Of Engineering & Technology at the University Of Gezira, and provided support for students in Data communications and Networking, Wireless Networking, Internet Application Programming, and Image processing.
- Implemented Individual Education Programs for students and monitored their progress in various technical fields, utilizing knowledge of education and training principles.

Projects

Taxi Ride-Sharing Application

Mar 2022 - Oct 2024

- Architected and developed the back-end infrastructure for a cutting-edge taxi ride-sharing platform, leveraging expertise in application development, coding, and computer science.
- Implemented real-time ride-sharing features, including geolocation and mapping services, using Google Maps API and ensuring a seamless user experience.
- Optimized data management and retrieval with Redis and PostgreSQL, ensuring high performance and scalability, and utilizing knowledge of data structures and algorithms.

Customer-Facing Dashboard

Oct 2019 - Mar 2022

- Designed and developed a customer-facing dashboard using React, ensuring a seamless user experience and utilizing knowledge of design principles and user interface design.
- Leveraged Redux and Redux-Saga for efficient state management and side-effect handling, and integrated Apollo Client for state management and caching, optimizing data fetching and synchronization.

Publications

Evaluating the Performance of Common Background Subtraction Techniques

Jan 2020

Zainelabdeen Elgraeeed

Certifications

Multiplatform Mobile App Development with React Native: Certified in developing mobile applications using React Native.

Introduction to Ansible: The Fundamentals: Certified in the fundamentals of Ansible, a configuration management tool.

Node.js Unit Testing In-Depth: Certified in unit testing Node.js applications.

Network Security Essentials: Certified in network security essentials.

ECMAScript For Beginners: Certified in ECMAScript, a scripting language for web development.

Languages

- English
- Arabic

Skills

- Modern JavaScript (ES5, ES6, TypeScript)
- OOP
- React
- TDD
- HTML5
- CSS3
- Agile/Scrum
- Version Control
- Cypress

- CI/CD
- Docker
- Debugging