

# Zainelabdeen Salah Awadelkareem Elgraeed

## Senior Full Stack Developer

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📍 Abu Dhabi

🌐 [linkedin.com/in/zainelabdeen-salah](https://www.linkedin.com/in/zainelabdeen-salah)

🐙 [github.com/ZainElabdeen](https://github.com/ZainElabdeen)

🔗 [zainelabdeen.vercel.app](https://zainelabdeen.vercel.app)

### Professional Experience

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Feb 2022 – Oct 2024  
Dubai,  
United Arab Emirates

#### Full Stack Developer

*Sphere IT* 📄

- Spearheaded the development of a dynamic web dashboard to efficiently manage customer data, define geographic areas with polylines, and implement a comprehensive notification service using React and Apollo GraphQL.
- Integrated CASL to provide secure, role-based access control, ensuring precise authorization for admin users.
- Architected and developed the back-end infrastructure for a cutting-edge taxi ride-sharing platform using NestJS, Google Maps API, Redis, and PostgreSQL.
- Implemented real-time ride-sharing features, including geolocation and mapping services, ensuring high performance and scalability.

Oct 2019 – Mar 2022  
Khartoum, Sudan

#### Full Stack Engineer

*Musafer Information Technology Co. Ltd.*

- Designed and developed a customer-facing dashboard using React SPA for seamless user experience.
- Leveraged Redux and Redux-Saga for efficient state management and side-effect handling.
- Integrated Apollo Client for state management and caching, optimizing data fetching and synchronization.

Apr 2018 – Oct 2019  
Khartoum, Sudan

#### Full Stack Developer

*Nano Technology Co. Ltd.*

- Expertly crafted and maintained responsive dashboards using React, Redux, Redux-Saga, React Router, Formik, and Semantic UI React.
- Implemented Redux and Redux-Saga for efficient state management, ensuring smooth data flow and handling complex side effects.
- Developed and maintained scalable RESTful APIs using Node.js, Express.js, and Sequelize.js, with real-time communication enabled via Socket.io 📄.

Mar 2017 – Apr 2018  
WadMedani, Sudan

#### System Administrator

*University Of Gezira*

- Installing and Managing Operating systems including FreeBSD, CentOS, and Windows Server (2008 R2).- Servers Administration includes Web Server, DNS server, Zimbra Mail Server, and Bacula Backup Server.- Assist in installing and managing pFSense Firewall.

Feb 2013 – Nov 2015  
WadMedani, Sudan

#### Teaching Assistant

*Faculty Of Engineering & Technology, University Of Gezira*

- Assisted in the educational and social development of students in the Faculty Of Engineering & Technology at the University Of Gezira.
- 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.

## Education

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Dec 2007 – Dec 2013  
Wad Medani, Sudan

**B.S.c.(Honours) Computer Engineering Technology**  
*University Of Gezira*

## Skills

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|---------------------|---------------------------|--------------------------------|
| • React             | • Next.js                 | • Node.js                      |
| • NestJS            | • TypeScript              | • Redux                        |
| • React Hook Form   | • Formik                  | • React Router                 |
| • Redux-Saga        | • Tailwind CSS            | • CASL                         |
| • JavaScript        | • Apollo GraphQL          | • Google Maps API              |
| • Redis             | • PostgreSQL              | • Apollo Client                |
| • Responsive Design | • RESTful API Development | • Socket.io                    |
| • Sequelize.js      | • Express.js              | • Redux Toolkit                |
| • React Query       | • Semantic UI React       | • Material UI                  |
| • Unit Testing      | • Docker                  | • Kubernetes                   |
| • Kafka             | • MikroORM                | • MongoDB                      |
| • Express           | • GraphQL                 | • Operating Systems Management |
| • API Design        |                           |                                |


## Languages

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|----------|-----------|
| • Arabic | • English |
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




## Publications

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05 Aug 2013	<b>Evaluating the Performance of Common Background Subtraction Techniques</b> <a href="#"></a> <i>International Journal of Computer Science and Electronics Engineering (IJCSEE)</i>
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## Courses

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Nov 2024	<b>Cypress End-to-End Testing - Getting Started</b> <a href="#"></a> <i>Udemy</i>
Feb 2022	<b>JavaScript Security</b> <a href="#"></a> <i>Coursera</i>
Mar 2021	<b>Containerize a full-stack NodeJS app in Docker</b> <a href="#"></a> <i>Coursera</i>
Feb 2021	<b>Fundamentals of Kubernetes Deployment</b> <a href="#"></a> <i>Coursera</i>
Feb 2020	<b>Node.js Unit Testing In-Depth</b> <a href="#"></a> <i>Udemy</i>
Oct 2018	<b>Front-End Web Development with React</b> <i>Coursera</i>