

Islam Mostafa

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Experience

Software Engineer - Front-End

Lucidya

11/2023 – Current

Riyadh, Saudi Arabia (remote)

- Spearheaded **Front-End** development initiatives using **React.js**, contributing to the seamless and user-friendly interface of Lucidya's software applications.
- Collaborated closely with the backend team, utilizing languages and technologies such as **Python, Ruby, RabbitMQ, Redis, MySQL, and PostgreSQL** to ensure the integration of robust and efficient features, enhancing overall application performance in an **microservices architecture**.

Software Engineer

Confidential

12/2022 – 11/2023

Menlo Park, CA, United States (remote)

- Contributed to the development and maintenance of the company's projects, utilizing **React, Node.js, Typescript, MySQL, AWS, Electron**, and Command Line Interfaces(**CLIs**) programs, to create robust software applications, fostering efficiency and agility.
- Actively contributed to low-level code development crucial for ensuring data security and customization.

Software Engineer

Leadville

03/2021 – 01/2022

CA, United States (remote)

- Spearheaded the development of Leadville's cutting-edge website and services, leveraging a tech stack comprising **React, Java(Spring Boot), Go, PostgreSQL**, and **AWS** services.

Education

BSc. In Computer Science – Suez Canal University

08/2017 – 07/2021

Ismailia, Egypt

- GPA: 76%
- Leadership: Head of **AlgoSolver** Graduation Project.

Skills

- **Programming-Languages:** C++, Go, Javascript(Typescript), Python, and Java.
- **Backend Development:** NodeJS, PostgreSQL, MySQL, MongoDB, Redis, RabbitMQ, and gRPC.
- **Frontend Development:** React, NextJS, Redux, React Query, Sass, and TailwindCSS.
- **Containerization:** Docker and Kubernetes
- **Areas of Focus:** Event-driven architecture, Domain-driven design, CI/CD, and Distributed systems.

Projects

Greenlight | [Go, Node, PostgreSQL, MongoDB, Redis, RabbitMQ, NGINX, gRPC, Docker, React, Redux, Typescript](#) | [Github link](#)

- A Microservices application for movies.

Blog | [Go, PostgreSQL, Docker, Kubernetes, Kustomize, and Minikube](#). | [Github link](#)

- A modular monolithic Go app with PostgreSQL, deployed on Kubernetes using Minikube for local development

Sphere | [Node, React, Redux, Sass, WebSocket, MongoDB](#) | [Github link](#)

- Real-time social media application.

Audit Log | [Go, PostgreSQL, Redis, NGINX, and Docker](#). | [Github link](#)

- Audit Log service, consumed by other systems.

Moddakir | [React Native, Redux, SQLite, Expo](#). | [Github link](#)

- Cross-platform mobile Islamic mobile application.

Certificates

Artificial Intelligence Analyst-Mastery Award | IBM