

# Fares Mohamed | Software Engineer

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Portfolio: <https://faresmohamedportfolio.vercel.app/>

## SUMMARY

Highly skilled in full stack techniques with over 2 years of dedicated expertise in crafting and deploying robust web applications. Adept at harnessing the power of NodeJS, MySQL, MongoDB, ReactJS and ExpressJS to create seamless and efficient full stack systems. Demonstrated proficiency in collaborating harmoniously within teams, ensuring adherence to demanding timelines. Able to deal with SQL and NoSQL databases.

## EDUCATION

- Bachelor of Computers and Data Science Alexandria University, Egypt (2022-present)

## TECHNICAL SKILLS

- NodeJS (ExpressJS, Socket.io).
- Authentication (Cookies – JWT - Identity).
- ReactJS, Redux, ReduxToolkit, JavaScript, HTML, and CSS.
- SQL (PostgreSQL - MySQL ).
- ORM (Sequelize )
- Git (GitHub - GitLab).
- Microservices
- Cloud Service Providers (Vercel).
- Problem Solving and Decision Making.
- Object Oriented Programming.
- Data Structure and Algorithms.
- RESTful APIs.
- SCSS, Bootstrap and Tailwind.
- NoSQL (MongoDB - Redis).
- ODM (Mongoose).
- API Testing (Postman)
- Java
- Docker

## Experience

### Hacker Rank Campus Club | 2024

- Participated in the OC community campus.

## LANGUAGES

Arabic (Native)

English (Fluent)

## PROJECTS

### IoT Project To connect with Fridg

- In this project I used first JWT in Node js and express to handel how custmor will sign in and log in
- And I connect with HiveMQ broker to Subscribe and Publish in Topics in broker to get data and post it and handel it and get data I made api to get data from broker and send it in API when I fetch data or post data in Broker

### E-Commerce Application

- Developed RESTful APIs using Node.js and Express.js. And developed the database using MongoDB. Deployed the database in Mongo Atlas and the source code to Vercel.
- This application is serverless, contains an administration panel and has 100% of the functionalities of an online

store (CRUD operations). Utilized Sendinblue mailer for the mail service.

### **Chat Application**

- Developed by a MERN stack technologies by creating RESTful APIs using Node.js and Express.js. Created database using Mongoose. Created the frontend using ReactJS, Bootstrap and SCSS. Deployed the API and frontend source to Vercel. Deployed the database in Mongo Atlas.
- This application is responsive, serverless and real-time which make users able to start chatting and sending messages using Socket.io.