

Mohammed Shousha

Software Engineer

Egypt | +201202973528 | mshousha29@gmail.com



[Mohammed-Shousha](#)



[mohammed-m-shousha](#)

Skills

Programming Languages

- JavaScript
- Node.js
- TypeScript
- Python
- Dart

Markup and Styling Languages

- HTML
- CSS
- Markdown

Query Languages and Databases

- SQL
- GraphQL
- PostgreSQL
- MongoDB

Frameworks

- React
- React Native
- Express.js
- Flutter

Data Science and Machine Learning

- pandas
- Scikit-Learn
- TensorFlow

Tools

- Git
- GitHub
- Power BI
- Excel

Experience

Software Engineer Intern

alx_africa

02/2023 - Present

- Acquired valuable technical and teamwork skills that I will continue to apply in my future career as a software engineer.
- Participated in peer learning days, received guidance from technical mentors, and contributed to community forums.

Web Development Intern

The Sparks Foundation

02/2023 - 03/2023

- Tasked to create a basic banking system that enables transferring money between customers and viewing all customers and their previous transfers.
- Incorporated a variety of modern technologies such as React, Vite, Typescript, Node.js, Express, and MongoDB.
- Designed and implemented a responsive user interface to optimize usability.

IoT Intern

Information Technology Institute (ITI)

07/2022 - 09/2022

- Created IoT applications using the Master of Things platform.
- Learned about IoT application protocols.
- Used IoT devices such as Sens'it.

Education

Mechatronics Engineering

Mansoura University

GPA: 3.97

09/2018 - Present

Machine Learning Cross-Skilling Nanodegree

Udacity

09/2022 - 10/2022

Data Analysis Professional Nanodegree

Udacity

10/2021 - 12/2021

Projects

Online Store

[Frontend](#) [Backend](#)

- An online store website that offers a seamless shopping experience to its users.
 - Developed using MERN stack (MongoDB, Express, React, and Nodejs).
 - A responsive and user-friendly design that supports the Arabic language.
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Recipes App

[Frontend](#) [Backend](#)

- An easy-to-use recipes app that offers the user a variety of delicious recipes to choose from.
 - Built using React Native (expo), Express, GraphQL, and PostgreSQL.
 - Add your own recipes including an image of the recipe and search recipes by ingredients, diet, calories, and time.
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Smart Shopping Cart

[Project Repo](#)

- A full-stack website that acts as a user interface on a smart shopping cart using computer vision.
 - Created using React, FastAPI, and Docker.
 - Simple, easy-to-use UI with real-time updates using a WebSocket connection.
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Finding Donors for CharityML

[Project Repo](#)

- A notebook to predict whether an individual makes more than \$50,000 using data collected from the 1994 U.S Census.
 - Used Scikit-Learn supervised learning models AdaBoost, SVM, and Logistic Regression and selected the one with the best performance.
 - Applied hyperparameter tuning on the best model to improve results.
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Basic Banking System

[Project Repo](#)

- A full-stack basic banking website was built during the web development internship at The Sparks Foundation.
- Created using React, TypeScript, Express, Node.js, and MongoDB.
- Enables transferring money between customers and viewing all customers and their previous transfers.