

# Mohamed Ashraf

## Web Developer

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## Summary

I am a skilled web developer with expertise in HTML, CSS, and JavaScript, along with Python for backend programming. With hands-on experience in popular frameworks like Flask and Django. My proficiency extends to front-end technologies like React.js and Bootstrap. Additionally, I have a strong grasp of IBM services and have worked extensively with Git, GitHub, and version control. My knowledge of Node.js, Express.js, and SQL allows me to develop efficient and data-driven applications. Moreover, I am well-versed in containerization with Docker, ensuring seamless deployment and management. With a passion for continuous learning, I am constantly seeking new challenges and opportunities to enhance my skills and deliver exceptional results.

## Projects

Note: projects with servers can take a while to open

### MERN stack Restaurants web app

This is a MERN stack project that uses MongoDB for database with Express.js server that runs on node.js runtime environment. In this app you can find restaurants with reviews and their locations, and you can search for a certain restaurant and add review if you are logged in.

[Live demo](#) [Github Repository](#)

### Flask translator web app

In this project there is a flask server that handles routes and request. There are functions that contact with LanguageTranslatorV3 from IBM services to translate the needed text entered from the frontend. When the user enter text, the server uses translator.py that's imported to server.py to get the translation of the text.

[Live demo](#) [Github Repository](#)

### MyReads web app

This is a books web app that you can visit it to organize your books into three categories: Currently Reading, want To Read, and Read. It's created with Reacts with hooks and states. You can also search for more books and add them to your library from the dropdown list shows by clicking the arrow on the circle on each book.

[Live demo](#) [Github Repository](#)

### Credit Card Validator

Card-validator is a simple project created with React.js that utilizes Luhn's algorithm with JavaScript to determine the validity of a credit card number. This project provides a web application where users can input a credit card number and check if it's a valid card number according to Luhn's algorithm.

[Live demo](#) [Github Repository](#)

### Weather app

This is a full stack project simulation that uses html, CSS, and JavaScript for the frontend and uses Express.js framework for the backend API server that takes zip code from the frontend in the parameters and make a request to an API to get the weather and send response to frontend.

[Live demo](#) [Github Repository](#)

### Tenzies game

This is tenzies game that I have created for practice while learning Reacts. I created its algorithm along with scrimba's React course. You are able to hold the number by clicking on it so when you roll it will not change. To win you have to roll and hold the number until making all squares with the same number.

[Live demo](#) [Github Repository](#)

## Courses & Certificates

### IBM full stack software developer Specialization

- Introduction to Cloud Computing
- Introduction to Web Development with HTML, CSS, JavaScript
- Getting Started with Git and GitHub
- Developing Front-End Apps with React Developing Back-End Apps with Node.js and Express
- Python for DataScience, AI & Development
- Developing AI Applications with Python and Flask
- Developing Applications with SQL, Databases, and Django
- Introduction to Containers with Docker, Kubernetes Application Development using Microservices and Serverless
- Full Stack Cloud Development Capstone Project
- Full Stack Software Developer Assessment

[\(view certificate\)](#) August 5, 2022

### JavaScript Algorithms and Data Structures By FreeCodeCamp

[\(view certificate\)](#) December 29, 2022

### React Development Cross-Skilling By Udacity

[\(view certificate\)](#) December 8, 2022

### Professional Front-End Web Development By Udacity

[\(view certificate\)](#) November 14, 2022

course for Git and GitHub By 365 DataScience

[\(view certificate\)](#) November 13, 2022

Responsive Web Design By FreeCodeCamp

[\(view certificate\)](#) September 17, 2020

## Skills

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### Technical:

- HTML, CSS, and JavaScript
- Node.js and Express.js
- React.js
- OOP in JavaScript
- Git, Github
- Basics of Redux.js
- SQL basics
- Python programming language
- Simple knowledge of MongoDB
- Creating backend servers with Flask library
- Creating web apps with django
- Docker and cloud deployment basics

### Personal:

- Communication skills
- Teamwork
- Great positive attitude
- Leadership
- Presentation Skills

## Education

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Faculty Of Commerce English section - Ain Shams University.

bachelor's degree in business administration

*Expected may, 2026*

## languages

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Arabic: Native tongue

English: Advanced