

Mustafa Sayed Al-Said

Software Developer

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[GitHub](#) | [Linkedin](#)

SUMMARY

Junior Software Developer with a Bachelor's degree in Computer Engineering. Possesses strong problem-solving skills and a solid understanding of core principles. Eager to apply design and development expertise to create innovative solutions.

EDUCATION

FACULTY OF ENGINEERING AIN SHAMS UNIVERSITY
BACHELOR DEGREE OF COMPUTERS AND SYSTEMS ENGINEERING
CGPA: Excellent

Aug. 2019 – July 2024

SKILLS

Programming Languages C, Embedded C, Java, C++, Python, Dart, JavaScript, HTML/CSS, TypeScript, C#

Libraries/Frameworks React, Flutter, .Net, Angular

Databases SQL, MongoDB, NoSQL

EXPERIENCE

Atos FULL-STACK INTERNSHIP

July 2024 – Present

- Participated in a full stack training internship at Atos.
- Collaborated with a team to build real-world projects, solve work-related problems, and improve my skills.
- Gained proficiency in using .NET for backend development and React along with other frameworks for frontend development.

PROJECTS / OPEN-SOURCE

GRADUATION PROJECT: WELLNESS HUB APP | [Link](#)

June 2024

GRADE: A

- Implemented a mobile app using Flutter, utilizing Bloc for state management.
- Developed a backend database with Express to support the app, which showcases healthy meals for users to purchase.
- Integrated additional functionalities, including BMI calculation, product browsing, wishlist management, and meal planning.

FLASH CHAT | [Link](#)

July 2023

- Developed a mobile app using Flutter, utilizing Bloc for state management.
- Designed databases to store user information and messages.
- Integrated cloud Firestore to retrieve information for displaying messages and confirming user credentials.

CLIMA MOBILE APP | [Link](#)

June 2023

- Built Flutter code to create a mobile app that checks the device's location and fetches weather data from "OpenWeatherMap" using longitude and latitude, providing users with current weather conditions and details.
- Added a feature that allows users to navigate to another page to inquire about the weather in a different city by typing its name in a search field.

BMI CALCULATOR | [Link](#)

June 2023

- Constructed Flutter code to calculate BMI by prompting the user for height, age, weight, and gender, then using these details to compute the BMI and display a suitable description based on the BMI score.

BOOKLEY MOBILE APP | [Link](#)

May 2023

- Engineered a mobile app that integrates with the Google Books API to display books.
- Created an e-store for books using Flutter, utilizing the Bloc package for state management.

DISTRIBUTED MARKETPLACE SYSTEM | [Link](#)

April 2023

- Led a team to design a marketplace system with distributed databases, integrating them with a front-end developed using Flutter and a backend implemented with Django.

ROVER DRIVER SIMULATOR | [Link](#)

Dec. 2022

- Led a team to implement Python code to drive a rover in the Udacity simulator, avoiding obstacles and collecting rocks scattered around the map. Utilized computer vision methods to process input images and instruct the rover based on calculated driving angles.

MICROWAVE OVEN CONTROLLER | [Link](#)

Jan. 2022

- Led a team to craft embedded C code on Tiva C to function as a microwave oven controller and display time on an LCD screen.

CERTIFICATIONS

Programming Languages, Part A - University of Washington - [Coursera](#)

Algorithmic Toolbox - University of California San Diego - [Coursera](#)

Mathematics for Machine Learning: Multivariate Calculus - Imperial College London - [Coursera](#)

Supervised Machine Learning: Regression and Classification - DeepLearning.AI Stanford | ONLINE [Coursera](#)

Mathematics for Machine Learning: Linear Algebra - Imperial College London - [Coursera](#)

The Complete Flutter Development Bootcamp with Dart- by: Dr.Angela Yu - [Udemy](#)

The Complete Web Development - by: Dr.Angela Yu – [Udemy](#)

HONORS & AWARDS

- Participated in the International Collegiate Programming Contest (ICPC) in August 2022 and earned a Certificate of Achievement for performance.