

Nadim Nassar

Location: Alexandria/Cairo, Egypt

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Summary

I am a fresh graduate passionate and interested in Software development. The experience of developing and implementing my work on real life projects and going forward with my career.

EDUCATION

- **Bachelor's degree in computer and communication engineering** Alexandria, Egypt
 - University Of Alexandria *Oct 2017 – Jan 2023*
 - **Graduation Project:** AR Car E-commerce app - **Grade: Excellent**
- **American Diploma** Alexandria, Egypt
 - Taymour American School *Oct 2014 – June 2017*

Courses

- Embedded Systems Diploma Instructor: Amgad Samir
 - C programming
 - Microcontroller Interfacing - Layered Architecture
 - MCAL/HAL Drivers for interfacing ATmega32 microcontroller and other hardware (Motor, LCD, KPD, Electrical Switches)
 - EXT& Global Interrupts, ADC, Timers,
 - Communication Protocols (CAN, LIN, I2C, UART, and SPI)
 - Real time operating system (Implementing Kernel Driver and Using Free RTOS)
- IMT Schools embedded course.
- Web development challenger track Udacity.
- Udemy Front-End React course.
- Flutter android development course.

EXPERIENCE

- † **Full Stack Developer Intern at RMZ tech Company** Jun 2022 – Aug 2022
 - Collaborated with senior web developers to design and develop websites and databases using HTML, CSS, and SQL commands.
 - Assisted in implementing responsive design principles for cross-device compatibility.
- † **Head of IT Comity at SPE Alexandria chapter** Jun 2021 – Jun 2022
 - Spearheaded the development of the student chapter's website, leveraging HTML, CSS, and SQL commands.
 - Managed the technical aspects of events and conferences organized by the university, ensuring smooth execution.
- † **Web Development Freelancing** Oct 2023 = Present
 - Designing and Developing Web applications with suitable databases for clients (HTML, CSS, JavaScript, React, Bootstrap)

PROJECTS

- **AR Car E-commerce app** *Flutter, Dart, unity, Firebase, Bootstrap, Git*
UI/UX, Front-end, Back-end
 - Designed and developed a user-centric app enabling users to explore car companies, models, specifications, and prices. Utilized **responsive design** to ensure compatibility across all devices.
 - Implemented augmented reality (AR) technology to showcase chosen car models and colors through the device's camera.
 - Leveraged Flutter, Dart, Firebase, Bootstrap, Git, and Unity to deliver an immersive user experience.
- **Obstacle avoiding self-driving car** *Arduino - Motor interfacing- Sensors*
Full design of the Hardware, interfacing of peripherals, coding Arduino
 - Engineered a self-driving car equipped with infrared sensors for track navigation and ultrasonic sensors for obstacle detection and avoidance.

- Utilized Arduino platform to control the car's movements and ensure optimal path correction.

- **Tourism app** *Flutter, Dart, Firebase, Bootstrap*

UI/UX, Front-end, Back-end

- Created a comprehensive Flutter-based app for users to discover and browse tourism locations and captivating images in Egypt.
- Integrated features allowing users to book transportation (bus or car) and hotel rooms, using Dart, Firebase, and Bootstrap

TECHNICAL SKILLS

Languages : C,C++, Java, JavaScript, OOP, Dart, HTML, CSS, Python

Frameworks : Flutter

Libraries : Bootstrap, React

Databases : SQL, Firebase

Dev Tools : Visual Studio Code, Eclipse, Proteus, Android Studio

Language SKILLS

English: Fluent

Arabic: Fluent

French: Beginner