

Ahmed Ragab

Software Engineer (JavaScript, NodeJS, React.JS, C++, python)
experienced in working with teams and different clients, seeking new challenges to build software solutions and learn new skills.

WORK EXPERIENCE

The Elephant Tech, Cairo — Full Stack *Engineer*

Leading software house in Egypt JAN 2019 - PRESENT

. Restaurant Owner Client. (FoodBus)

Developed website and mobile application as a food-ordering system for the restaurant in **angular 6** as a frontend framework and cloud functions using **firebase**.

. Sports Club Client. (Wadi Degla)

Developed website and mobile application for the club to manage all their branches in **Reactjs** for Frontend, **React Native** for mobile, **NodeJs** and **mySQL** for Backend and integrating with many third party APIs for membership renewal, claim members points for exchange for other services.

EDUCATION

Ain Shams University, Bachelor in Computer Engineering.

Very good with honors degree, and excellent in thesis project.

SEP 2014 - JUL 2019

VOLUNTEERING EXPERIENCE

Green Initiative.

Public Relations Member, my role was basically to represent our student club in different events and to spread awareness about the benefits of green energy.

JAN 2015 - Dec 2015

IEEE (Institute of Electrical and Electronics Engineers) ASU Student Branch.

Vice Head Public Relations, my role was basically to represent our branch in any event and help people to know about the services that we provide.

JAN 2016 - Dec 2016

PROJECTS

Xplore Egypt (2018)

. My thesis project which is a virtual assistant for tourists in Egypt with a recommendation system. The project is a website written in **angular 6** and mobile app written in ionic and back-end in **NodeJS** and REST APIs with **mySQL** database and a recommendation system model written in **python**.

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STACK

Proficient : C++, JavaScript, TypeScript, python, SQL, PHP, MySQL, NodeJS, React.js, Angular, Git, REST APIs.

Familiar: React Native, Firebase, NoSQL, AWS, GraphQL.

AWARDS

Robotics competition (2016)

built a RC Car with Ultra sound, infrared and line sensors, using Arduino as a microcontroller. We ranked third out of more than 30 teams.

LANGUAGES

Arabic native

English C1, advanced

German A1, beginner

Matrices Project (2017).

- A C++ project written in OOP that deals with matrices and makes a lot of mathematical operations on them in an optimized way using efficient data structures.

Booking events Website (2019)

- A website for adding and booking events in **Reactjs** for frontend and **Nodejs** with **GraphQL** and **Mongodb**.

Pipelined MIPS Processor (2017)

- Implementation of pipelined MIPS Processor using **Verilog** language that supports many assembly instructions (R-Format and I-Format instructions)

COURSES

Algorithms and Data Structures (2017 - 2018). A Specialization from Coursera for learning different algorithmic techniques , Data structures and Problem Solving.

AWS Fundamentals (2019). A Series of courses offered by Amazon on Coursera to learn everything related to Amazon Web Services like EC2 , S3, VPC and lambda functions.