

# Ahmed Ragab

Egypt, Cairo • +201558334901

ahmed.r.shaban96@gmail.com • [linkedin.com/in/ahmed-ragab-shaban/](https://www.linkedin.com/in/ahmed-ragab-shaban/) • [github.com/ahmedragab96](https://github.com/ahmedragab96)

## Summary

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I'm a software engineer, who worked with several programming languages, also had experience in building a complex payment system in both backend and frontend, I'm eager to learn new skills and build robust and useful software products.

## Skills

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Node.js | JavaScript | Angular | React.js | Typescript | Rest APIs | React Native | DataBase(SQL , NoSQL) | GraphQL | Firebase | JAVA | Docker | Algorithms | Cloud(AWS) | Heroku | Agile Scrum | Team Work | Multi-Tasking | Scripting | Linux | Ngnix | Redis

## Education

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**Bachelor's Degree in Computer Engineering**, 2014 - 2019, Very good with honors  
Ain Shams University, Egypt

- Built **Xplore Egypt** which was my thesis project, a website and mobile app acting as a virtual assistant for tourists by recommending restaurants, hotels and trips, written in **Angular 6**, **NodeJS**, **Ionic** and **MySQL**.
- Volunteered in some student clubs:
  - Green Initiative : Public Relations Member responsible for representing the club in events.
  - IEEE : Vice head Public Relations responsible for making a team to represent the club.

## Work Experience

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**Elephant Tech**, Egypt  
*Full Stack Developer*, 03/2019-present

A software house in Egypt.

My role is a full stack developer, Built backend Rest APIs and frontend user interfaces.

Worked on several projects like:

- Restaurant Owner Client. (FoodBus)
  - The team was two working with agile (scrum).
  - Developed website and mobile application as a food-ordering system for the restaurant in **Angular 6** as frontend framework, cloud functions using **firebase**, **React Native** for Mobile.
- Sports Club Client. (Wadi Degla)
  - Team of 5 developers working with agile ( scrum ).

- Developed two website and mobile application for the club to manage all their branches in **React.js** for Frontend, **React Native** for mobile, **NodeJs** and **MySQL** for Backend.
- Maintained development servers on AWS and had experience with production servers on Microsoft Azure.
- Integrating with many third party APIs for payments, sports subscriptions and exchanging points System with club partners.
- Developed a way to keep track of number of people in the club to maintain it to the accepted safe limit during the pandemic situation.

## Projects

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- **iEvent (2019)**
  - A website to allow users to add events and book tickets through the website, it's written in **React**, **Apollo**, **NodeJs**, **Graphql** and **MongoDB**.
- **Matrices Library Project (2017)**
  - A library written in **C++** with applying Algorithms and Data Structure techniques to deal with matrices and run the different CPU exhaustive matrices operations in an optimized way.
- **chat App (2019)**
  - A chatting website written in **React** and **NodeJs** with **socket.io** and **MongoDB** with video picture upload using **AWS S3**.

## Courses

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