

Omar Elebiary

SOFTWARE ENGINEER

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Work Experience

Backend Developer

BINGLI

Antwerp, Belgium

Aug. 2018 - PRESENT

- Created Backend services for Chatbot.
- Developing the microservices architecture for backend services.
- Responsible for the whole backend services design and development.
- Managing deployments using CI/CD techniques on azure.

Software Engineer Intern

BADR FOR INFORMATION TECHNOLOGY

Alexandria, Egypt

Jul. 2017 - Sep. 2017

- Built a parser for unsupported syntax in Spark SQL.
- Added support for unsupported PostgreSQL syntax in Spark SQL.
- Researched various query engines like Drill, Presto and Spark for Big Data Solutions.
- Develop a Benchmark application in java for Benchmarking different databases and query engines to check performance.

Freelance Full-Stack Developer

UPWORK

Remotely

Feb. 2017 - May 2017

- Develop REST APIs in Java using Spring Boot.
- Creating Data Visualizations using JavaScript.
- Design and Develop Single page applications using AngularJs.

Full-Stack Developer

CHECKIN-SPACE OTA

Alexandria, Egypt

Jun. 2016 - Feb. 2017

- Contribute in developing the product backlog and writing the user stories.
- Develop the REST API using Laravel PHP framework.
- Develop admin dashboards using AngularJs.
- Create data visualizations using D3.js.

Education

Faculty of Engineering, Alexandria University

BACHELOR OF ENGINEERING IN C. ENGINEERING

Alexandria, Egypt

Jul. 2018

- Relevant Courses: Software Engineering, Data Structures and Algorithms, Advanced Data Structures and Algorithms, Database Systems, Object-Oriented Programming, Operating Systems, Distributed Systems.

Skills

Programming	C#, Python, Java, JavaScript.
Frameworks	Flask, .Net Core, Apache Spark, NodeJs, Angular.
Databases	SQL, MongoDB.
Other	Docker, Azure, Git.

Projects

SmartSearch

GITHUB

- A smart search application for searching huge datasets of unstructured data, It uses NLP to detect the synonyms and find the closest match for the search term. This project is built using Python with flask, NLTK library.

Chatbot

BUILT USING C# AND PYTHON.

- An intelligent chatbot used in healthcare for helping patients communicate better with there doctor before their appointment.

Plane seats selector

BUILT USING PYTHON AND NODEJS.

- An application allows the user to select a seat in the plane according to his preferences and match him with other passengers who share same interests. This application is done as PWA using Flask For backend and Javascript, Angular, HTML, CSS for the frontend.

Template Parser

GITHUB

- A simple template parser that parses an HTML template and replaces all the placeholders with its actual values.