

Mohamed Taweela

Full Stack Web Developer

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<https://mtaweela.github.io/mtaweela/>

<https://github.com/mtaweela>

Full stack developer with experience in different technologies from my full stack job in two different startups including front-end, back-end and dealing with different clouds.

TECHNICAL SKILLS

Back End:

- NodeJS, Express
- Django, Django Rest Framework
- Apache, nginx

Front End:

- HTML5, CSS, Sass
- Angular, React.JS/Redux

Databases:

- MYSQL, MongoDB

Programing & scripting

Languages:

- JavaScript, Python, Bash

Version Control:

- GIT, GitHub, Gitlab

Testing:

- Jasmine, Mocha
- Selenium

Web services:

- JSON, RESTful API

Systems:

- Ubuntu, Centos

Familiarity with:

- C, C++, Java
- Docker, JWT
- Webpack, JQuery, Bootstrap
- Watson IoT, Node-RED, Raspberry Pi, Arduino

LANGUAGES

- Arabic: Native speaker
- English: Fluent (IELTS: 6.5)

EXPERIENCE

Renile , Cairo (11/2018 - Current)

Full Stack Web Developer (Part Time)

- Use Node.js to build back-end system Including APIs and MQTT broker for managing devices and sensors for different applications.
- Build Angular web application for visualizing the data and building admin panel for controlling users and devices.

Bit68 , Cairo (10/2018 – Current)

Full Stack Web Developer (Full Time)

- Work as a Full Stack Web Developer using Django framework for developing different solutions for other companies. The role involves building APIs to be used by web and mobile applications.
- Work also include dealing with deployment starting from the setup of the different needed tools like MYSQL, Nginx, Django.

Upwork , Remote (09/2018 – Current)

Full Stack Freelancer (Part Time)

- Work included editing and changing the shape and content of different websites owned by the company.
- Through the work used different technologies like Node.js, MYSQL, Apache and HTML, Bootstrap and CSS.

EDUCATION

Information Technology Institute , Giza (10/2017 – 06/2018)

Diploma in Internet of Things

- Courses included: Introduction to Big Data, Introduction to DevOps, Cloud Computing Fundamentals, Agile development methodologies.

University of Science and Technology at Zewail City , 6th of October, Giza (09/2013 – 06/2017)

Bachelor in Material Science

- Research based education in one of the top universities in Egypt.
- Courses included: Calculus I & II, Linear Algebra, Computational methods.

PROJECTS

EgyGarage (10/2018)

- Market Store for selling Car parts.
- Contributed by building the backend system in form of restful APIs.
- <https://www.egy-garage.com/>

Mobile Shop (10/2018)

- One the biggest markets in Egypt for selling Mobiles and its accessories with thousands of website visites monthly.
- Contributed by building the backend system in form of restful APIs.
- <https://mobileshop.com.eg/>

User Management System (10/2018)

- System for managing user registration logging and retrieving data related to user
- Developed using Node.JS, Express, MongoDB, JWT, Mocha, Docker, Docker-Compose, Swagger
- <https://github.com/mtaweela/userManagement>

AWARDS & ADDITIONAL INFORMATION

- IBM Watson IoT Hackathon in Egypt: Winning team for developing simple security surveillance IoT solution.
- scientific articles editor and Translator for Egyptian Researchers Initiative in Egypt for increasing scientific awareness in Egypt.