

# Mohamed Taweela

## Full Stack Web Developer

Cairo, Egypt

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<https://github.com/mtaweela>

<https://gitlab.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.

## PERSONAL & CLASS PROJECT

### 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>

### Simple Database Management System (3/2018)

- Interactive command line based Database management system
- Technologies used: Bash
- [https://github.com/mtaweela/Bash\\_DataBase\\_System](https://github.com/mtaweela/Bash_DataBase_System)

## 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.