

# MOHAMED ELERAKY

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Github: <https://github.com/mohamedzakigithub>

Portfolio: <https://mohamedzakigithub.github.io>

## Summary

Web developer pursuing certificate in full stack web development from Monash university with a background in electronics engineering. I have a deep understanding of various web development technologies and frameworks such as HTML, CSS, JavaScript, JQuery, Bootstrap and Node.js. I consider multitasking, problem solving skills and attention to detail to be my strengths acquired through working on many high tier measurements and logging projects with various international oil and gas companies. Coupled with a solid technical background as an electronics engineer and passion in software development, I am a valued addition to any team.

## Technical Skills

**Languages:** HTML5, CSS3, Less, JQuery, JavaScript and Node.js

**Applications and frameworks:** Responsive web design, Bootstrap, Bulma, Github

## Projects

**Code quiz** | <https://github.com/mohamedzakigithub/code-quiz>

- A timed code quiz with the ability to store and retrieve scores.
- Tools / languages used: HTML5, CSS3, Bootstrap, JQuery.

**Weather dashboard** | <https://github.com/mohamedzakigithub/weather-dashboard>

- An app to search and display current and forecast weather data.
- Tools / languages used: HTML5, CSS3, Bootstrap, JQuery.

**Node.js readme file generator** | <https://github.com/mohamedzakigithub/readme-generator>

- A Node.js app to generate a custom readme file.
- Tools / languages used: Node.js, Javascript.

## Experience

**IT Supervisor, Internet Plus**  
Egypt

Nov 2016 – July 2019

### *Key Responsibilities*

- Manage company's software, hardware and network systems and assets
- Plan and execute routine and critical maintenance and upgrades

- Monitor systems and network performance and respond to urgent issues to ensure smooth operations
- Coordinate installation, setup and commissioning of office electronic systems (Time attendance, CCTV, access control etc.)

**Maintenance / Reliability / Field Engineer, Schlumberger** July 2007 to Nov 2016  
Angola / United Kingdom / Egypt

*Key Responsibilities*

- Lead high tier measurements and logging jobs including drilling horizontal and multilateral wells helping clients achieve their goals
- Help introduce new technologies such as real time well placement and formation pressure while drilling
- Lead nuclear logging and calibration tasks for chemical and sourceless nuclear logging tools while adhering to local safety regulations for handling radioactive sources
- Provide measurements and logging services to various clients including Chevron Angola, Total UK and shell UK in the North Sea area.
- Actively plan pre job phases of projects including tools and equipment testing, calibration and mobilization
- Design and setup new surface equipment lab including testing benches and equipment.
- Implement preventive maintenance schedules to eliminate equipment failures

**Electronic Technician, Geoservices** Aug 2004 to July 2007  
Angola / Gabon / Tunisia

*Key Responsibilities*

- Provide maintenance, calibration and troubleshooting of surface logging systems including computers, data acquisition systems and log printers as well as gas detection and analysis equipment
- Plan and coordinate field installations and commissioning of data logging cabins and systems in various offshore drilling platforms
- Schedule and perform equipment preventive maintenance as per standard operating procedures

## **Education**

**Bootcamp Certificate:** Monash University, Melbourne, Victoria Jan 2020(Ongoing)  
A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node Js, MySQL, MongoDB, Express, Handelbars.js & ReactJS.

**Bachelor of Engineering:** Cairo University, Cairo, Egypt Sep 1996 - June 2001  
Bachelor of Engineering in electronics and electrical communication engineering.