Mohamed Eleraky

Front end / Full stack web developer

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Portfolio: https://mohamedzakigithub.github.io

# SUMMERY

Front end / full stack web developer with a certificate in full stack web development from Monash University and a background in electronics engineering. I have a deep understanding of various web development technologies and frameworks such as HTML, CSS, JavaScript, Jquery, Bootstrap, MySQL, MongoDB, React and Node. 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. Coupled with a solid technical background as an electronics engineer and passion in software development, I am a valued addition to any web development team.

# CODING **P**ROJECTS

**Remote learning app** | <https://github.com/mohamedzakigithub/remote-learning-app>

A full stack MERN remote learning management app.

Tools / languages used: React, MongoDB, Express, NodeJS and sockets.io.

**React book search** | <https://github.com/mohamedzakigithub/react-book-search>

A full stack MERN app that uses Google books API to search for books and save results to a favorites list.

Tools / languages used: React, MongoDB, Express, NodeJS and Google books API.

**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 and Jquery.

**Cryptofolio** |<https://github.com/mohamedzakigithub/cryptofolio>

A MVC full stack cryptocurrency market place.

Tools / languages used: HTML, Javascript, Bootstrap, Node.js, Mysql and handlebars.

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# **EXPERIENCE**

## Internet plus *- IT Supervisor*

November 2016 - July 2019

* 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.

## Schlumberger *- Maintenance / Reliability / Field Engineer*

## July 2007 - November 2019

* Lead high tier measurements and logging jobs including drilling horizontal and multilateral wells helping clients achieve their goals.
* Help in the introduction of new services and technologies such as real-time well placement and formation pressure while drilling.
* Lead measurements and logging services to various high profile clients including Chevron Angola, Total UK and shell UK in the North Sea area.
* Design and setup new surface equipment lab including testing benches and equipment.

## Geoservices *- Electronic Maintenance Technician*

August 2004 - July 2007

* 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**

## Monash university, Melbourne*- Full stack web development certificate*

January 2020 - July 2020

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.

## Cairo university, Cairo *- Bachelor of engineering*

September 1996 - June 2001

Bachelor of Engineering in electronics and electrical communication engineering.