Mohamed Eleraky

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Portfolio: https://mohamedzakigithub.github.io

Summary

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 with various international oil and gas companies including Chevron and BP. 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, Jquery, JavaScript, MySQL, MongoDB, React and Node.js.
Applications and frameworks: Responsive web design, Bootstrap, Bulma, Materialize-css, Git and Github

Projects

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.

<u>Experience</u>

IT Supervisor, Internet Plus   Nov 2016 – July 2019
Egypt

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 - 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.

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