

ABDELMONEIM NAFEA

FRONT END DEVELOPER



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OBJECTIVE

A Highly talented and motivated Developer with an exceptional ability to learn and grasp new technologies. Focused on developing technologies that can help people in becoming more productive and satisfied. Seeking a position in the applied field of Web Development in a dynamic organisation where my interpersonal, academic and acquired skills could be fully utilised.



SKILLS

Key Skills

- Web Development and Maintenance
- Analytical and problem solving
- Communication and organisational
- Backend Development
- Code Optimisation
- UI Enhancement
- AI/Machine Learning
- Documentation & Reporting
- Artificial Neural Networks

Technical Skills

Front-End: React, HTML, CSS, JavaScript, jQuery, AJAX, Bootstrap, ES6, Webpack

Back-End: Node.js, Python, Django, API

Database: SQL Server, MySQL, MongoDB

OS: Windows, Linux

Version Control System: GitHub

Cloud Platform: AWS, Firebase, Paperspace, Heroku

AI/Machine Learning: TensorFlow, Keras, NLTK, Fast.ai

Other: Visual Basic, BeautifulSoup



EDUCATION

Certificate IV in programming

2018

Blue Mountains collage of TAFE, Sydney, Australia

Subjects: Visual Basic, Java, Android mobile application development, Databases

Bachelor of Science: Communications Engineering and Electronics

2007

Department of Electrical Engineering, Alexandria University, Egypt

Graduation Project: Implementation of image compression using AVR microcontroller

Assessed and recognized by Engineers Australia



EXPERIENCE

Broadcast IT Technician

Feb 2013 – Present

Nine Network Australia, Sydney, Australia

- Providing technical support to minimize down-time and ensure broadcast continuity around the clock to many systems including: automation, Cloud streaming, Live and post production graphics, Playout and Ingest storage area networks, studio production, IP networks and infrastructure, outside broadcasting, Deep archiving, broadcast Media Asset Management and video/audio contribution, distribution and encoding.
- Investigating and logging faults; implementing works around and emergency fixes; escalating problems to specialized engineers.

Broadcast Engineer

August 2009 – January 2012

Brainwaves Systems, Cairo, Egypt

- Optimising system design by conducting meetings and negotiations with clients.
- Installing and configuring video/audio broadcasting systems and equipments.
- Troubleshooting technical faults that might occur during system setup phase.
- Handing over projects along with Conducting negotiations with clients to operational manuals, as-built drawings, cable schedules and equipment serial numbers sheets.



TRAINING

React Fundamental | TylerMcGinnis.com

2019

The Web Developer Bootcamp | Udemy

2019

Microsoft Technology Associate Database Fundamentals (MTA 98-364) | Microsoft

2018

Machine Learning (Stanford University) | Coursera

2018

Python A-Z for Data Science | Udemy

2018

Python A-Z for Data Science | Udemy

2018



PROJECTS

GitHub Battle | Technologies: React, CSS3, JSX, API, Axios, Babel, Webpack, Firebase

URL: <https://github-repo-battle.firebaseio.com/>

YelpCamp | Technologies: HTML5, CSS3, JavaScript, Bootstrap, Node.js, MongoDB, Heroku

URL: <https://anafea-yelp-camp.herokuapp.com/>

Whiteboard | Technology: HTML5, CSS3, JavaScript, JSON, Node.js

Titanic: Machine Learning from Disaster

Platform: Kaggle | Models: Random Forest, Decision Tree, k-NN, SVM, Logistic Regression and Naive Bayes.

House Prices: Advanced Regression Techniques

Platform: Kaggle | Models: Elastic Net Regression, Ridge regression and XGBoost.

Dogs vs. Cats Redux: Kernels Edition

Platform: Kaggle | Models: CNN using Keras, VGG19 using Keras and Resnet34 using Fastai.