



MOHAMMAD ABDULLAH

Software Engineer

Name: Mohammad Abdullah Saed
Date of birth: September 7th, 1982
Address: Riyadh - Saudi Arabia
Email: mohd.a.saed@gmail.com
Website: <http://moeabdol.com>

An entrepreneur, a scientist, a programmer, and a teacher. Finds joy in building smart stuff and sharing knowledge with others. I wear many hats and speak many tongues. With breadth and depth knowledge of anything digital. From web development to software scalability/performance to machine learning and NN algorithms.

I work as a full-stack web developer. I build web apps from the ground up using back-end technologies; such as, Ruby on Rails, PostgreSQL, MySQL, MongoDB, Redis, etc. I also do front-end development using Angular 2, TypeScript, JQuery, Bootstrap and Angular Material. I enjoy implementing business logic and integrating different technologies to build and assemble awesome applications. I'm a strong believer in TDD/BDD, Continuous Integration, and Continuous Delivery.

I enjoy what I do very much, and I'm constantly on the look for real-life problems to solve.

EXPERIENCE

Miras Holding
Backend Engineer
Riyadh - Saudi Arabia

2016-2017

Design and develop real estate prototype (Hoosbaa) end to end using AngularJS (Frontend), Ruby on Rails (Middleware) and PostgreSQL (Backend). Design and deploy entire backend architecture on Amazon Web Services. Optimize solution performance using in-memory datastore and caching technologies; such as, Redis. Scale application to serve thousands of users using NGINX load balancing.

Use Machine Learning techniques and algorithms to expose trends from real- estate market data in Saudi Arabia.

Build UI/UX interfaces using latest front-end technologies; such as, Twitter Bootstrap, Angular Material, AngularJS, Yoman, and Grunt.

Al Faisaliah Group
Software Developer
Riyadh - Saudi Arabia

2010-2012

Al Faisaliah Group is a diverse conglomerate that drives multiple businesses across the Kingdom and middle-east. Some of its subsidiaries are Al Safi (biggest integrated dairy farm in the world), Modern Electronics Company Limited MECL (Sony), Faisaliah Medical Systems (FMS), Steak House, etc.

During my time in AlFaisaliah I have worked with many of these subsidiaries. I developed and maintained a sales application for Al Safi along with team members, and have helped implement new features that gave Al Safi a competitive edge in marketing and sales. I also worked closely with Al Safi's financial department and have built

a complete cattle valuation system to evaluate animals' worth every month and provide detailed reports. I also worked with MECL (Sony) in introducing a Point of Sales system (POS) in their showrooms. This project accelerated and enhanced sales processes. During this project I worked closely with SAP and Columbus teams (biggest Microsoft partner in the middle-east). SAP being the backend ERP system and LS-Retail NAV being the frontend software installed at MECL's POS machines.

I also have worked on numerous other projects building mobile applications and web services to expose important data and reports to decision makers in Al Faisaliah.

Saudi Aramco
Software Engineer
Dhahran - Saudi Arabia

2010-2010

Developed many .NET applications to collect, filter, analyze and visualize real-time oil and gas data. I implemented data mining techniques and algorithms on collected data to compress, manipulate and reveal patterns in data. I also developed a simulation application that assists project managers/network engineers simulate real-life cable pulling projects according to physical laws and restrictions. Moreover, with the help of many process control engineers, I developed database applications, reports, excel modules and text file parsers to automate processes and make the lives of many of my colleagues a little bit more bearable.

EDUCATION

Keio University
Computer Science
Tokyo - Japan

2012-2014

Conduct research in Artificial Intellignect and Machine Learning. I was a member of Keio's Brain Group. My research titled "Multi-modal Machine Learning Using Convolutional Neural Networks" studied convolutional neural networks that train on multiple types of data input (bitmaps and spectrograms) to predict speech from audioless videos.

Prince Sultan University
Computer Science
Riyadh - Saudi Arabia

2005-2010

Acquired my Bachelors of Science in Computer Science.

SKILLS

PROGRAMMING SKILLS

Ruby



Ruby on Rails



Python



Angular



Twitter Bootstrap



GRAPHIC SKILLS

Pixelmator



Sketch



iMovie



Adobe Photoshop



Adobe Illustrator



LANGUAGE SKILLS

Arabic



English



Japanese

