OSAMA ABDELRAHMAN

ENTRY LEVEL DATA SCIENTIST

EXPERT FULL STACK DEVELOPER

Penang, Malaysia +60 1123103263 system.osa@gmail.com live:osama-65_1

SUMMARY

Two years practicing Data Science during master degree journey including six months internship as a Data scientist.

Seven years of experience in Web development and Cross-platform mobile apps.

OBJECTIVE

To enhance my professional skills, capabilities, and knowledge in an organization that recognizes the value of hard work and trusts me with responsibilities and challenges.

ACHIEVEMENTS

Created and contributed in 45 cross-platform mobile applications for Android and iPhone, with 84 web applications and admin dashboards and 6 projects in Data Science field.

EDUCATION

Master of Science in Data Science and Analytics	Malaysia, 2020

Universiti Sains Malaysia (USM).

Main study areas:

- Machine Learning
- Business Intelligence & Decision Analytics
- Multimodal Information Retrieval
- Enabling Technologies, Infrastructures For Big Data
- Big Data Storage And Management
- Data Visualisation & Visual Analytics
- Research, Consultancy, And Professional Skills
- Consumer Behavioural And Social Media Analytics
- Principles & Practices Of Data Science & Analytics

Bachelor of Science in Computer Science	Sudan, 2012

Omdurman Islamic University (OIU)

Main study areas:

- Operations Research and Artificial Intelligence
- Web. Programming and Software Engineering
- Computer Networks and Expert Systems
- Information System Management and Security
- System Analysis & Design Architecture
- Relational Databases and Data Structure

SKILLS

- ❖ Data Science
- ❖ Machine Learning
- ❖ Deep learning
- ❖ Front-end Development
- ❖ Back-end Development
- ❖ Cross Platform Mobile Apps

PROGRAMMING LANGUAGES

HTML (8 Years)........................ 5/5

CSS (8 Years)........................... 5/5

JavaScript (7 Years)................. 4/5

TypeScript (7 Years)................ 4/5

PHP (6 Years)........................... 4/5

Python (4 Years)...................... 4/5

DATABASES

MySQL (8 Years)...................... 4/5

MongoDB (4 Years).................. 4/5

FRAMEWORKS

React Native (4 Years)............... 4/5

Meteor (4 Years)..................... 4/5

React (4 Years)........................ 4/5

Ionic (3 Years)......................... 4/5

Laravel (2 Years)...................... 3/5

TensorFlow (1 Years)............... 3/5

Hadoop (1 Years)..................... 2/5

TOOLS

VSCode Spider GitHub

Terminal Anaconda Tableau

XCode Postman Jupyter

OPERATING SYSTEMS

MAC Windows Linux

CONTENT MANAGEMENT SYSTEM

WordPress OpenCart Django

WORK EXPERIENCE

Data scientist, Internship
Feb 2020 - Jun 2020

MOLEX (MALAYSIA) SDN. BHD

Perai Penang, Malaysia.

Responsibilities and achievements:

- Develop and deploy statistical and machine learning models for data analysis to discover any hidden patterns.
- Collaborate with product management and engineering departments to understand the assembly production needs and devise possible data science solutions.
- Communicate results and ideas to key decision-makers.
- Implement new statistical methodologies as needed for specific models or analysis to ensure the final product quality.
- Optimize joint development efforts through appropriate database use and project design.
- The deployed models results showed a significant improvement in the products quality and a feasible reduction in the rejection rates.

Full Stack Developer
Apr 2018 - Jan 2019

TOWARD LEADERSHIP

Medina, Saudi Arabia.

Responsibilities and achievements:

- Developing front end website architecture for clients.
- Designing user interactions on web pages.
- Developing back end website applications.
- Creating servers and databases for functionality.
- Ensuring cross-platform optimization for mobile phones.
- Ensuring responsiveness of applications.
- Working alongside graphic designers in the company for web designs.
- Designing and developing APIs between Front and Back ends.
- Communicating with the projects manger to meet the consumer needs.

Web & Mobile Apps Developer
Nov 2015 - Mar 2018

MARKETING-IT SOLUTIONS

Riyadh, Saudi Arabia.

Responsibilities and achievements:

- Creating and maintaining customers' mobile applications.
- Developing dashboards for mobile applications.
- Developing front and back end website applications.
- Creating servers and databases for functionality.
- Ensuring cross-platform optimization for mobile phones.
- Ensuring compatibility of the mobile applications.
- Working alongside managers and applications graphic designers in the company for web and mobile apps designs.
- Designing and developing APIs between Dashboards and Apps.

DEV OPS

AWS   DigitalOcean   OpenStack

OTHER SKILLS

AJAX   JQuery   Node Js   Redux   RESTfull   NPM   Agile Scrum

LANGUAGES

ENGLISH .... Advanced

ARABIC .... Native

WEBSITES & SOCIAL LINKS

Website: OsamaAbdalla.com

GitHub: @OsamaAbdalla

Linkedin: @OsamaAbdallacom

PARTICIPATIONS

Participated in the record event of the most participants in a Hackathon is 2,950 was achieved by Saudi federation for cybersecurity, programming, and drones Saudi Arabia, which was verified in Jeddah, Saudi Arabia, on August 2018.

Web Developer   Oct 2013 - Oct 2015

HOWISTART

Riyadh, Saudi Arabia.

Responsibilities and achievements:

- Creating and maintaining website applications.
- Developing dashboards for website admins.
- Developing back end for customers websites.
- Creating servers and databases based on customer's needs.
- Ensuring cross-platform optimization for websites pages.
- Ensuring compatibility of the websites applications.
- Creating and managing Amazon web services for websites.
- Monitor and maintain any possible vulnerabilities to avoid hacking.
- Part of my responsibilities for the company website include managing the website security as a result the company got Trustwave certificate to offer credit card payments on their website.
- Integrate the payment gateways with PCI services providers like 2checkout, Stirpe, and Paypal.

PROJECTS

Sakrobe mobile application   Feb 2014 - Dec 2019

Website: https://sakrobe.com

Sakrobe is a mobile application that I have created during my freelancing time to link home maintenance service providers with the customers for both Android and iPhone platforms, it took me about five years, however the final achievements as below:

- The App had more than 250K active installs during that time.
- More than 400 daily orders with up to thousand during weekends.
- More than 650 home maintenance service provider registered.
- More than 84K active customer accounts monthly.
- 21 maintenance services provided through the App.

Anfas-sharqya mobile application   Aug 2017 - Apr 2018

Website: https://anfas-sharqya.com

Anfas-sharqya is a mobile application that I have created during my freelancing time for a local store jewelry to sell their products to their customers for both Android and iPhone platforms, the final achievements as below:

- The App had more than 40K active installs during that time.
- More than 60 daily orders with up to 200 during weekends.
- More than 1200 products sold through the app.
- More than 2K active customer accounts monthly.

Bmbrella mobile application   Jun 2018 - Feb 2019

Website: http://bmbrella.com

Bmbrella is a multi-purpose application created as social media platform to make the users communicate with others and at the same time giving them the ability to sell their services or products.