

# OSAMA ABDELRAHMAN

Mobile Application Developer  
Full Stack Developer  
Data Scientist

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## SUMMARY

I have seven years of experience in Full-stack development for Web and Cross-platform mobile apps especially using different skillsets includes Python, PHP, JavaScript. I also spent three years processing and modeling data for projects related to Data Science with skillset include Machine learning and Deep learning techniques.

## 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 more than +46 cross-platform mobile applications for both Android and iPhone, with more than 84 web applications and admin dashboards. Moreover I contributed in 6 real projects in Data Science field.

## EDUCATION

Master of Science in Data Science and Analytics Malaysia, 2020  
Universiti Sains Malaysia (USM).

Study areas:

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

Bachelor of Science in Computer Science Sudan, 2012  
Omdurman Islamic University (OIU)

Study areas:

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

## SKILLS

- ❖ Cross Platform Mobile Apps .7yrs
- ❖ Front-end Development ..... 7yrs
- ❖ Back-end Development ..... 6yrs
- ❖ Machine Learning ..... 2yrs
- ❖ Data Science ..... 2yrs
- ❖ Deep learning ..... 1yrs

## PROGRAMMING LANGUAGES

- ❖ HTML (8 Years)..... 5/5
- ❖ CSS (8 Years)..... 5/5
- ❖ JavaScript (7 Years)..... 4/5
- ❖ TypeScript (6 Years)..... 4/5
- ❖ PHP (6 Years)..... 4/5
- ❖ Python (2 Years)..... 3/5
- ❖ Angular V1&2 (2 Years)..... 3/5

## DATABASES

- ❖ MySQL (7 Years)..... 4/5
- ❖ MongoDB (4 Years)..... 4/5

## FRAMEWORKS

- ❖ React Native (5 Years)..... 4/5
- ❖ Meteor (4 Years)..... 4/5
- ❖ React (4 Years)..... 4/5
- ❖ Ionic (3 Years)..... 4/5
- ❖ Laravel (3 Years)..... 3/5
- ❖ TensorFlow (1 Years)..... 3/5

## TOOLS

VSCode	Spider	GitHub
Terminal	Anaconda	Tableau
XCode	Postman	Jupyter

## WORK EXPERIENCE

Data Scientist Nov 2021 – present

BIDAC, UAE university.

Alain, United Arab Emirates.

Responsibilities:

- Application coding as set in the approved requirement.
- Sets up and supports all software testing.
- Provide assistance to other Programmer Analysts when required.
- Responsible to provide documentation of the code.
- Prepare training and test plans and documents for the applications.
- Prepare and follow up all the required documents as per the PMO.
- Designing enterprise level applications without supervision.
- Translates flow charts, specs, statements, into programming languages.
- Manages the release control process by supporting the systems administration team and Database administrator to move the application/module from testing to production environment after UAT.

Mobile Application Developer Nov 2020 – Nov 2021

ACCENTURE

Kuala Lumpur, Malaysia.

Responsibilities and achievements:

- Create functional design deliverables (including page-flow, business logic, validations, etc.
- Manage requirement confirmation & design workshops.
- Create/Enhance Mobile applications.
- Perform System Testing on the web-based application.
- Support SIT / UAT testing & to perform bug fix.
- Perform code build and deployment of the completed codes into the development and testing environment.

Data scientist, Internship Feb 2020 - Jun 2020

MOLEX (MALAYSIA) SDN. BHD

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.

## OPERATING SYSTEMS

MAC Windows Linux

## CONTENT MANAGEMENT SYSTEM

WordPress OpenCart Django

## 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](https://Osamaabdalla.com)

GitHub: [@Osamaabdalla](https://@Osamaabdalla)

Linkedin: [@Osamaabdallacom](https://@Osamaabdallacom)

## PARTICIPATIONS

Participated in the record event of the most participants in a Hackathon is 2,950 was achieved by Saudi federation for cyber security, programming, and drones Saudi Arabia, which was verified in Jeddah, Saudi Arabia, on August 2018. Our participation involve two mobile applications to help in improving Hajjij (pilgrims) journey while they are in the holy places

## INTERESTS

Video Games => Flight simulation

## 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 graphic designers in the company for web and mobile apps designs.
- Designing and developing APIs between Dashboards and Apps.

## Web Developer

Oct 2013 - Oct 2015

### HOWISTART

Riyadh, Saudi Arabia.

Responsibilities and achievements:

- Creating and maintaining website applications and admins dashboards.
- Developing back end for customers web applications.
- 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.
- Managing websites security and as a result the company got Trustwave certificate to offer credit card payments through their website.
- Integrate the payment gateways such as 2checkout, Stirpe, and Paypal.