

MOHAMED BASHIR

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PROFILE

- Innovative, responsible and eager to develop and improve.
- Have initiative and can work independently or as part of a team.
- Adaptable and quick learner.
- Extensive problem-solving skills.
- Can communicate clearly regarding complex issues.
- Perfectionist, I don't stop until the job is done correctly.

EXPERIENCE

10/2019 -
Present

Software Developer

Zain Telecom, Sudan

- Analysis of business requirements.
- Designing and implementing core telecom/banking business processes applications, enterprise projects and participating in internal software development projects.
- Experimented with a variety of languages and frameworks.
- Work with senior developer to manage large and complex design projects for corporate clients.
- Experience in spring boot framework.
- Experience in REST/SOAP API design and implementation.
- Experience in Agile methodology (Scrum, Spring Planning, Spring Retrospective, etc.)
- Hands-on experience in version control using GitHub/GitLab and SVN.

01/2019 –
10/2019

Software Developer

Interface Co. Ltd

- Android Development (Java)
- Analyzing customer requirements.
- Collaborate with UI/UX team to create clean interfaces and simple, intuitive interactions and experiences.

EDUCATION

2013-2018

BSc. Electrical and Electronic Engineering - Software Engineering Specialization

University Of Khartoum, Sudan

CGPA: 7.49

EXPERTISE

Programming Languages and frameworks

- Spring framework, Hibernate, JPA
- Java, Python, JavaScript, SQL
- Maven/Gradle, REST/SOAP API.
- NodeJS, Express.js, ReactJS, Flutter.
- Hands-on experience with GitHub/Gitlab, SVN.

Database Management Systems

- Experience with Oracle DB and MySQL.
- Experience with NoSQL (MongoDB).

SAMPLE PROJECTS

Web Development

- Developer *Donation* web service using spring boot. The WS allow Zain subscribers to donate to a bank account set by Sudan's Ministry of Finance to support the transitional government. It's configured to receive requests from both USSD and Zain APP channels. The service communicates in REST/SOAP.
- Developer *Vidly*, an end-to-end fake movie rental service. NodeJS with Express frameworks were used along with MongoDB for the backend. ReactJS was used for the admin portal.

AI and Machine Learning

- Developed an AI system using Python with fastAI library to classify Tuberculosis disease from normal X-ray images with 96% accuracy.
<https://zindi.africa/users/mohamedAbdalla/competitions/certificate>
- Developed an AI system using Python to detects whether a person in an image is wearing a face-mask or not with 99% accuracy.
<https://zindi.africa/users/mohamedAbdalla/competitions/certificate>

Mobile Development

- Designed and developed *ZainPassport* E-payment mobile app using Flutter SDK with MVVM architecture using *stacked* package. The app allows Zain subscribers to register with their mobile number and save their credit cards to make top-ups, Card2Card transfer, balance inquiry and many other services.

LANGUAGES

<i>Language</i>	<i>Level</i>
Arabic	Fluent (Native)
English	Fluent (Professional)

CERTIFICATES

- ***Spot The Mask Challenge, Zindi Platform.***
Ranked **3rd out of 66**
<https://zindi.africa/users/mohamedAbdalla/competitions/certificate>
- ***Runmila AI Institute & minoHealth AI Labs Tuberculosis Classification via X-Rays Challenge, Zindi Platform.***
Ranked **16th out 104**
<https://zindi.africa/users/mohamedAbdalla/competitions/certificate>

REFERENCES

- **Rania Naeem**
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