



MOHAMMED ALMISSBAH ABAKER

MOBILE DEVELOPER

ANDROID DEVELOPER | FLUTTER DEVELOPER

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LANGUAGES

ARABIC ENGLISH

OPERATING SYSTEMS

Linux Windows

PROGRAMMING SKILLS

Kotlin JAVA Dart C/C++
Javascript HTML PHP SQL
CSS

TECHNOLOGIES

Android IOS Flutter Redux
Dagar2 LiveData Retrofit Room
RxJava MVVM MVC Spring boot
Laravel REST APIs Junit
Bootstrap JQuery WordPress OOP
Design patterns JavaCard JetPack

SECURITY SKILLS

Encryption PKI KeyStores
Digital Certificates

SMARTCARDS/TOKENS

JavaCard DesFire Yubico OTP tokens
ST3 Tokens Bit4id SmartCards/Tokens

ABOUT ME

I am a self-motivated hard-working person with 5 years of experience in software and mobile application development. I'm open to new experiences, seeking employment that will make best use of my skills and allow me to develop them further .

EXPERINCES

ANDROID DEVELOPER

PART TIME
Khartoum, Sudan
2016 - Till now

INTELISOFT ENGINEERING

- Developed apps that interact with servers throught Rest APIs using Java and Kotlin in collaboration with UX designers and backend developers..
- Designed apps that supports multiple screen sizes and different languages.
- Implemented JetPack architecture component such as LiveData, Databinding, Room, ViewModel, Navigation component.
- Built apps using best practices for single activity, Fragments, Navigation component, MVP, MVVM and repository model.
- Provided offline data access using data Http caching, shared preferences and SQL databases.
- Managed threads and asynchronous data sources through reactive programming using RxJava and decoupled creation and usage of objects using Dagger2.
- Designed efficient, reusable and testable code that follows SOLID principles.
- Developed cross-platform apps using Flutter and technologies such as Dio, Floor, Dart async and redux.
- Managed development lifecycle using Scrum framework.
- Signed and published apps in google play store.

SOFTWARE ENGINEER

FULL TIME
Khartoum, Sudan
2015 - Till now

NILE CENTER FOR TECHNOLOGY RESEARCHES

- Participated in developing national Sudan projects such as Sudan fuel management system and Sudan root CA.
- Implemented MVP, MVVM architectures and retrofit, EventBus and Databinding technologies.
- Developed Smartcard APIs and libs for interacting with Desfire smartcards through Android NFC.
- Developed JAVA and PHP Web applications with RESTfull APIs for Web and Android clients.
- Developed registration system for EJBCA PKI server and libraries for crypto tokens management using PKCS11 .
- Developed test cases using Junit and Mockito.
- Managed releases for android applications and JAVA war files.
- Documented API use cases and application source codes.
- Managed source code versions using VCS like SVN and GIT.

ASSISTANT TEACHER

Khartoum, Sudan
2016 - 2017

ALNEELAIN UNIVERSITY

- Part time teaching Android Course for final year students.
- Part time teaching Data Structure lab .

IDES AND TOOLS

Android Studio Eclipse NetBeans
IntelliJ ADOBE XD GIT SVN
Jenkins XAMP JBOSS Tomcat
Atom Vim NotePad++ Cpanel
FileZilla PhpMyAdmin

OTHER SKILLS

Problem Solving Technical support
System Adminstartion Team work
High Analytic skills Leadership

PROJECTS

INTELISOFT ENGINEERING

TAKHLESY

2020 - till now

Android | Kotlin

Currently working in developing android applications that provide help in shipping and customs clearance using modern android components and designs such as single activity, Navigation component, MVVM, liveData, Daggar2, repository pattern, Room and Retrofit.

BAZAR

2019 - 2020

Flutter | Android | Laravel | SQL

Developed a platform to bring customers and sellers together composed of two Flutter applications to create, view and manage special offers.

ANAAM ORDERING SYSTEM

2018 - 2019

Java | Android | PHP | SQL

Developed fresh meat ordering system composed of a web application and three Android applications for user, admin and delivery agents.

NILE CENTER FOR TECHNOLOGY RESEARCHES

SUDAN FUEL MANAGEMENT SYSTEM

2018 - 2019

Java | Kotlin | Android | Smartcards

Participated in developing Android point of sales application and NFC Android module for interacting with Desfire and Java smartcard APIs.

NILECHAT SECURE MESSAGING

2018 - 2019

Java | Android | JSP | Html | Java script

Participated in customization of Android secure messaging system that implements XMPP and end to end encryption by customizing the UI and the system features, adding security and SMS features and fixing bugs.

NCTR TASK FOLLOW UP

2017 - 2018

Spring | Java | Android | Html | Java script

Developed Android and JAVA web application to manage department projects and calculate employees working hours per projects and tasks to generate monthly reports.

EDUCATION

2015 - 2016

Trainings & Courses

- REDHAT CERTIFIED SYSTEM ENGINEER (RHCE)
- PUBLIC KEY INFRASTRUCTURE
- C LANGUAGE - CCNA - SHELL SCRIPTING

2010 - 2015

Khartoum, Sudan

Honor B.Sc. Electronic Engineering (Telecommunication)

Alneelain University Faculty of Engineering.