MOHAMMED ALMISSBAH

SOFTWARE ENGINEER MOBILE DEVELOPER | JAVA DEVELOPER

https://almissbah.github.io Mohammed.almissbah@hotmail.com Sudan, Khartoum +249912532626

LANGUAGES

ENGLISH ARABIC

OPERATING SYSTEMS

Linux Windows

PROGRAMMING SKILLS

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

TECHNOLOGIES

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

SECURITY SKILLS

PKCS11/12 Encryption PKI SSL-TLS Hashing **OCSP** KeyStores **Application Security** UTIMACO HSM PrimeKey EJBCA Digital Certificates Digital Signature

SMARTCARDS/TOKENS

DesFire Yubico OTP tokens JavaCard ST3 Tokens Bit4id SmartCards/Tokens APDU

ABOUT ME

am a professionally qualified, self-motivated, hard working person and excellent team player, experienced in software engineering and mobile application development. seeking employment that will make best use of my skills and allow me to develop them further.

I'm open to new experiences and looking for a permanent position to mature professionally.

EXPERINCES

ENGINEER

2015 - Till now

SOFTWARE Nile Center For Techology Researchs (NCTR)

- Participated in the development of national projects such as sudan fuel managment system and sudan root CA.
- Developed JAVA and PHP web applications with RESTfull APIs for web and anrdoid clients.
- Participated in developing android applications with JAVA and Kotlin using MVP, MVVM, retrofit, Eventbus and FCM.
- Developed and customaized UI and admin pages for PHP and JAVA web applications.
- Participated in Development of smarcard APIs and libs for interacting with Desfire smartcards through APDU.
- Secured applications by preventing XXS,CSRF,SQL injection and URL protection by hashing and encryption.
- Developed registration system for EJBCA PKI server and crypto tokens managment using PKCS11 libs.
- Secured applications using multifactor authentication and OTP USB tokens.
- Developed test cases using Junit and mockito.
- Managed releases of android applications and war files.
- Documented source code of applications and APIs use cases.
- Participated in requirements gathering, brainstorming, planning for systems.
- Manage source code versions using VCS like SVN and GIT.

Full Stack Developer PART TIME FREELANCER

2015 - Till now

 Met with customers to gather and identify functional, nonfunctional requirements.

- Designed Databases and developed secure backend applications using PHP & JAVA to provide RESTFul APIs for Mobile and web clients.
- Developed native android applications using Java and kotlin and (IOS/Android) applications using Flutter.
- Implemented advance technologies for android like RxJava, LiveData, Room, Daggar2, Retrofit and Redux for flutter.

ASSISTANT TEACHER

2016 - 2017

Aneelain University

- Part time teaching Android Cource for final year students.
- Part time teaching Data Structure lab for 1st and 2nd year students.

IDES AND TOOLS

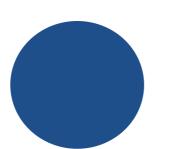


OTHER SKILLS

Problem Solving Technical support

System Adminstartion Team work

High Analytic skills Leadership



EDUCATION

2010 - 2015 Honor B.Sc. Electronic Engineering Sudan ,Khartoum (Telecommunication)

Alneelain Univercity Faculty of Engineering.

TRAININGS & COURSES

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

- PUBLIC KEY INFRASTRUCTURE



PROJECTS

PKI REGISTRATION SYSTEM





Participated in developing a Registration system using JAVA backend, HTML, JS and pkcs11 for enrolling users, scheduling appointments with registration officers to validate the application, communicating with EJBCA web service and automatically store the generated certificate in a USB token or smartcard then notify the end user with the token password.

SUDAN FUEL MANGEMENT SYSTEM







Participated in the development of the android POS application and smartcard APIs for the project.

NCTR TASK FOLLOW UP





Developed android and JAVA web application to manage department projects and calculate employees working hours per projects, tasks and generate monthy reports.

ANAAM





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

NILECHAT





Participated in customaization 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.