

Ahmed Isam Abdelrahim

Android Team Lead

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Summary

10 years of experience in software development using various platforms and systems

+7 years of experience in developing, maintaining & testing Android applications & components

+5 years of experience in building scalable backend systems and microservices using Node.js, gRPC, Redis, Message Queues and Realtime systems

Good software engineering skills, team building skills, strong analytical, problem-solving and communication skills, eager to learn and develop new skill

Experience in database systems, object oriented analysis and design, UML and GOF design patterns

Experience in Agile methodology, CI & CD practices, Docker & containerization

Experience

Full time

Android Team Lead at ELM. Saudi Arabia, May 2014 – present:

Lead the Android Team at ELM to develop, maintain and test android applications.

Developing the coding standard, app architecture, delivery mechanism for the applications. ensuring application healthy & maintainability on the long run

Develop lots of applications for government sector (Kollon-Amn, Bashir, Mojaz ...etc)

Develop Multi-touch gestures Android custom view component that support drag&drop images, scale and rotate images and z-level support

Building Node.js backend systems for real-time messaging platform (WhatsApp-like)

Worked in different R&D initiatives using Bluetooth, fingerprint and building Android image.

Software Engineer at SURE. Saudi Arabia, June 2012 – May 2014:

Developing android applications for enterprises and governmental sectors (Java, Android).

Design and implement a generic role based access control module (RBAC) (C#, ASP.NET)

Design and implement large-scale web services and Internet/Intranet web applications.

Software Engineer at Center of Excellence in Information Assurance, King Saud University
Saudi Arabia, December 2010 – June 2012:

Design and implement commercial parental control system to control Internet browsing and blocking of websites and software (C++, Qt, Win32 API, VC++, Layered Service Provider)

Implement OTP generator tool (C# , ASP.NET, WCF, SOAP, Java, Android)

Design a prototype software to secure hard copy document from fraud and forgery by using 2D barcode tag (C#, Public/Private key encryption, QR-Code, Gemalto smart card)

Implement utility software to remove all histories and temporary files from PC, with all related functionality: Licenses and Auto-update (C++, Qt, Win32 API, PHP, MySQL)

Lead the team to develop online training/examination system in the field of information security, targeting governmental and private sectors (C# , ASP.NET, Ajax, JQuery)

Part time

Founder at LemonLabs.sd. Sudan, 2017 - now:

Leading the team to build Lemon platform/ecosystem, which is a mobile on-demand services in Sudan, focusing mainly in transportation (Ride Sharing), delivery and logistics sectors

CTO at Magadeer.com. Saudi Arabia, 2017 - 2019:

Building Magadeer platform for delivering Recipes for Home Cooking in KSA

Android Lead Engineer at Jahez. Saudi Arabia, 2016 - 2017:

Develop food delivery solutions consist of 3 Android apps (Client, Restaurant and Driver apps)

Academic Projects

Implement a tiny operating system for academic purpose (my graduate project). it support 32-bit PMode, virtual memory with paging, up-to 4 GiB physical memory, FAT12, keyboard driver and boot from USB/CD (C/C++,Assembly)

Cross platform application for calculating prayers times (C++/Qt)

TicTacToe for nokia symbian mobiles (C++/Qt)

Education

Bachelor (BSc) Degree in Computer Sciences, University of Khartoum, Faculty of Mathematical Sciences, Second-class Honours, upper division (2:1), October 2004 – July 2010.

Certification

Nokia Certified C++ Qt Developer, November 2010.

Nokia Qt Ambassador, 2011.

Personal Information

Nationality: Sudanese.

Marital Status: Married.

Date of Birth: 24 - Aug- 1985.

Last updated: August 9, 2020

<http://ahmadessam.com>