

Ahmed Isam Abdelrahim

Android Team Lead

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Summary

6 years of experience in developing mobile apps on Android platform

Good software engineering 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, Continuous Integration and test automation

Experience

Full time

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

- Lead team of 4 android developers to develop, test and maintain android applications.

- Develop apps for governments (MUQEEM, EJAR, EFADA, BASHIR, SALEM, ..etc)

- Develop Multi-touch gestures android view that support drag&drop, scale and rotate matrix operation for Riyadh Traffic Accident app

- Develop Android GPS tracker app for vechiles.

- Implement RESTfull services using different technologies like Node.js, Java and C#.

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 a research product to generate offline one time password (OTP) as 2nd factor authentication (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). The project won a gold medal in the British Invention Show 2011

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

Part time

Linux RedHat Engineer at Saudi Telecom Company. Saudi Arabia, 2011:

Maintain linux server, manage users and groups and develop utility to extract data from hotspot WIFI AP

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.

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<http://ahmadessam.com>