



PUTERI ALFEENA AZLAN

Senior Software Engineer

CAREER OBJECTIVE

I am a graduate of Bachelor in Information Technology (Honours) majoring in Information System Engineering from Multimedia University, Cyberjaya. I have a major interest in application development especially on the mobile platform and hope to work in any area of this.

EDUCATION

- **Bachelor of (Honours) Information Technology Major: Information System Engineering**
 - Multimedia University (MMU), Cyberjaya, Selangor.
 - May 2003 – April 2005
 - (CGPA 2.99) and at
 - MARA Foundation Education College (KPTM)
 - May 2001 – April 2003
- **Sijil Pelajaran Malaysia (SPM)**
 - Sekolah Menengah Convent Green Lane, Pulau Pinang
 - 1991 – 1995

WORK EXPERIENCE

IRIS Corporation Bhd

(Apr 2009 to present)

Position: Senior Software Engineer

- **Trusted Identification Projects**
 - Analyse and develop applications to meet user requirements based on the targeted dateline using various types of handheld devices.
 - Ensure system liability as well as data security is well kept and managed.
 - Create a middle layer (DLL) for the SDK's API of a specified hardware to interact with the application layer.
 - Provide visual aids, trainings and materials such as user manuals for targeted users.
 - Assists and mentors subordinates in developing applications using the APIs with all of the different hardware available.

Trusted Identification Projects	
General Description	works closely with hardware related to the trusted identification field; such as smartcard, passport & biometric readers, barcode scanners as well as payment card reading Involved with the National Fuel Subsidy Project in 2011 main clients such as JPN, Heitech Padu, ESDC, Maybank, RHB
Language	C# Dot Net
IDE	MS Visual Studio 2005-2012
Mobile Operating System	WinMobile 6.0-6.1, WinCE 2.0-5.0
Database	SQL Server 2005-2012
Mobile DB	SQLCE NETCF 3.0-3.5

Research and Development

- Propose new applications using updated technology which is marketable and using mobile devices.
- Present ideas to superior by providing visual aids such as slides and screen mock ups.
- Discuss other devices or tools needed in developing the suggested application.
- Provide estimated timeline and target in developing the application.
- Start development and testing of application when completed.
- Present the completed application to superiors using slides and mobile device demo.

1. Inflight Assistant Application

- Developed a prototype to assist in-flight crew members to record all transactions and also to help monitor passenger's seating positions on board.
- Passes data from front end to back end and vice versa via a web service - Captures barcode of the tickets using the camera of the specified device. - Reads user's payment cards using NFC for payment of the transactions made. - Data is saved into a local DB using SQLite

2. Pre-read Application

- Developed an application to speed up the pre boarding process using facial recognition technology and to automatically retrieve their current location.
- Target devices are cross-platforms as the UI are developed using HTML5 and JavaScript.
- Passes data from front end to backend using RESTful web services in JSON format.

Research and Development	
General Description	<ul style="list-style-type: none"> -developed an application for cabin crew to monitor passengers and save all in-flight transactions. -developed an application for pre boarding a flight using smartphones to help speed up process.
Language	Java 1.8.0_45, JavaScript
IDE	Android Studio, Bracket, MS Visual Studio 2015
Web Service	C# Dot Net
Operating System	Support Android >=5.0, Cross-platform
Database	SQL Server 2012
Mobile DB	SQLite
Frameworks	Dot Net Framework, Apache Cordova Framework

- Other Project Involvement:

Client: Maybank

Project Name: Maybank Treat Fair

- created a mobile app to read and validate customer's payment card

Project Name: Maybank Malaysian Open

- created a mobile app to read and validate customer's payment card

Client: JPN, ESDC, Heitech Padu

Project Name: iJPN

- developed and maintained a mobile application to read MyKad/MyKid and interact with a desktop application via serial communicator.

Client: JPN

Project Name: MyKAMS JPN

- A mobile application which retrieves and validates the MyKad info from the JPN server using a secured line

- Project Demos:

Client: Air Asia

Project Name: Baggage & Passenger Reporting System

- created an application to manage and monitor the passenger as well as their baggage on its current status and location
- Generates a digital flight manifest

Client: RHB

Project Name: Mobile Express Loan

- A mobile application to extract user info and calculate the loan application details
- completes the loan application process by saving the customer's digital signature

Client: Maybank, Public Bank

Project Name: Secure MyKad Acquisition

- A mobile application to extract user info and transfers the info to the server via online (Web Service) or a USB cable

MTD Group Sdn Bhd) MTD Group Sdn Bhd

(Aug 2007 – Mar 2009)

Position: Analyst Programmer

- Responsible for proposing, developing as well as maintaining in-house systems for current and future use.
- Ensure system liability as well as data security is well kept and managed.
- Provide training (when necessary) and materials (manuals) for first time users.
- Support local / site users (hardware/software) when necessary.
- Programming Language – Dot Net (VB, VB.Net).
- Database – dbu, Microsoft Access, SQL Server 2000.

Watson's Personal Care (Headquarters)

(Apr 2006 – Jul 2007)

Position: IT Helpdesk

- Support site users in updating price change or in collecting their day-end sales submission.
- Support site or local users with any hardware / software support.
- Collect as well as process all store orders (weekly basis).
- Provide on-call support for stores daily.

Language Skills

Malay ★★★★★

English ★★★★★

Computer Skills

Computer Skills	Details
Current Desktop Operating System	Win 7 64bit
Mobile Operating System	Windows CE 2.0-5.0, Win Mobile 5.0-6.5 Android >= 5.0
Programming Language	Dot Net C#, C++, VB.NET, C++, Java 1.8.0_45, CSS, HTML, WPF
Database	SQL Server 2005-2012, MS Access 2013
Reports	Crystal Report
Others	Adobe Photoshop CS6

Excellent skills in using MS Office (currently MS Office 2013) as a result from a number of presentations, projects and coursework assignments in my tasks, relish the chance to be involved in working conditions where my communication is an essential apparatus.

Professional Training

Computers/Programming

Hadoop Framework for Big Data Analytic (2017)

Communication Skills

Developing Leadership Excellence

Developing Effective Communication Skills

Executive Development Program Personal Mastery

Special Skills

Has excellent writing skills and command of the English language. Highly motivated in problem solving tasks. Has high interest for developing applications especially for mobile development. Very familiar with developing applications using external hardware. Opened in accepting ideas and opinions as well as in learning new skills or knowledge. Has high interest in multimedia, art or graphics related task. A hardworking and persevered person as well as a keen learner in understanding the task handed as a result from all the assignments and presentations performed from past experiences.

Co-curricular Activities

University Level:

(MMU)

- 1) MMRC (Motorsports and Recreation Club) – Member
- 2) **Microsoft Training Course** (Microsoft IT Academy Program on Developing and Implementing Web Applications with MS Visual C#.NET and MS Visual Studio.NET)

(KPTMKL)

MMU Representative for Mathematics Quiz.

School Level:

- 1) Girl Guides and Rangers Association
- 2) Islamic Society
- 3) Study Smart Skills in USM