# MUHAMMAD ADIB AHMAD

ASSISTANT IT MANAGER

Muhammad Adib Ahmad born 1983 is an accomplished programmer, software engineer and Assistant IT Manager of Kiswire SEA, a global wire manufacturing company headquartered in Busan, Korea.

Lives in Malaysia, Johor Bahru with his wife Aziey and their 3 lovely daughters

Won 1st place in Kiswire Idea Contest 2016 on developing Stranding Machine Monitoring System

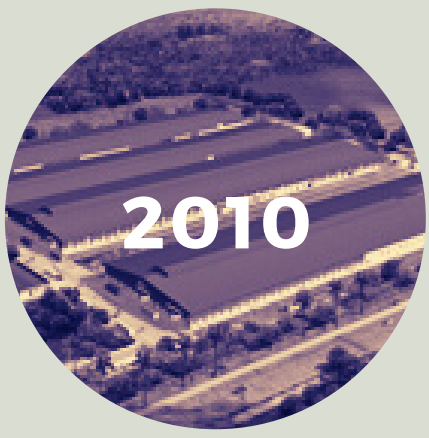
Happily married with Aziey Ali since 2010

Diploma in IT, 2004 (CGPA 3.18), KPS Training (Korea, 2011), TPS Training (Japan, 2011)

The best programmer in Southeast Asia Regional HQ data processing team - Kiswire Mag vol 219 p47

Adib believes that "Its better to do something rather than nothing"

## MAJOR MILESTONES




Team up alongside with Korean Programmers to develop Barcode System for manufacturing process at Kiswire Cord SDN BHD, Tanjung Langsat, Johor.

Self Develop newly enhanced and localized E-Coupon program for factory operator's everyday meal allowance



Join QCC Competition, Develop Stranding Machine Monitoring System.

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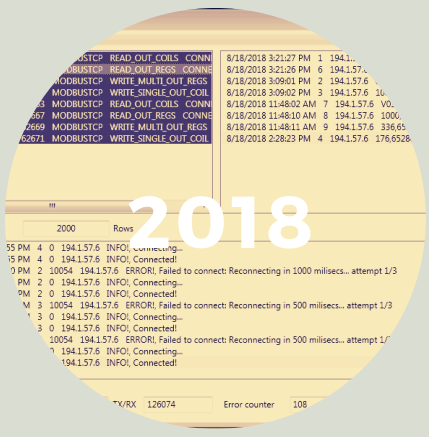
# MAJOR MILESTONES CONTINUE..

Won 1st place in 2016 Kiswire Idea Contest worldwide for developing 'Strand Machine Monitoring System'



Successfully Develop 'ID Machine Start/Stop Monitoring System' for all factory in Kiswire Malaysia

Develop PCM (PLC Control Module, a middle-ware that read and write to PLC by listening to database instruction) for Kiswire Cord Vietnam Limited packing process.





Developing CIM Web Based approval system, converting from windows application to web application; https://cimweb.kiswire.com.my

# DEVELOPED SKILLS

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# CAREER DEVELOPMENT

**2007**

Work at **Rank Alpha Technologies** as Web Programmer

**2008**

Work at **Gosford Leather Industries** as Web Programmer

**2009**

Started working at **Kiswire SDN BHD** as Junior IT Executive

**2013**

Promoted to **Senior IT Executive** at Kiswire SDN BHD

**2016**

Excellent MBO result for 3 consecutive years

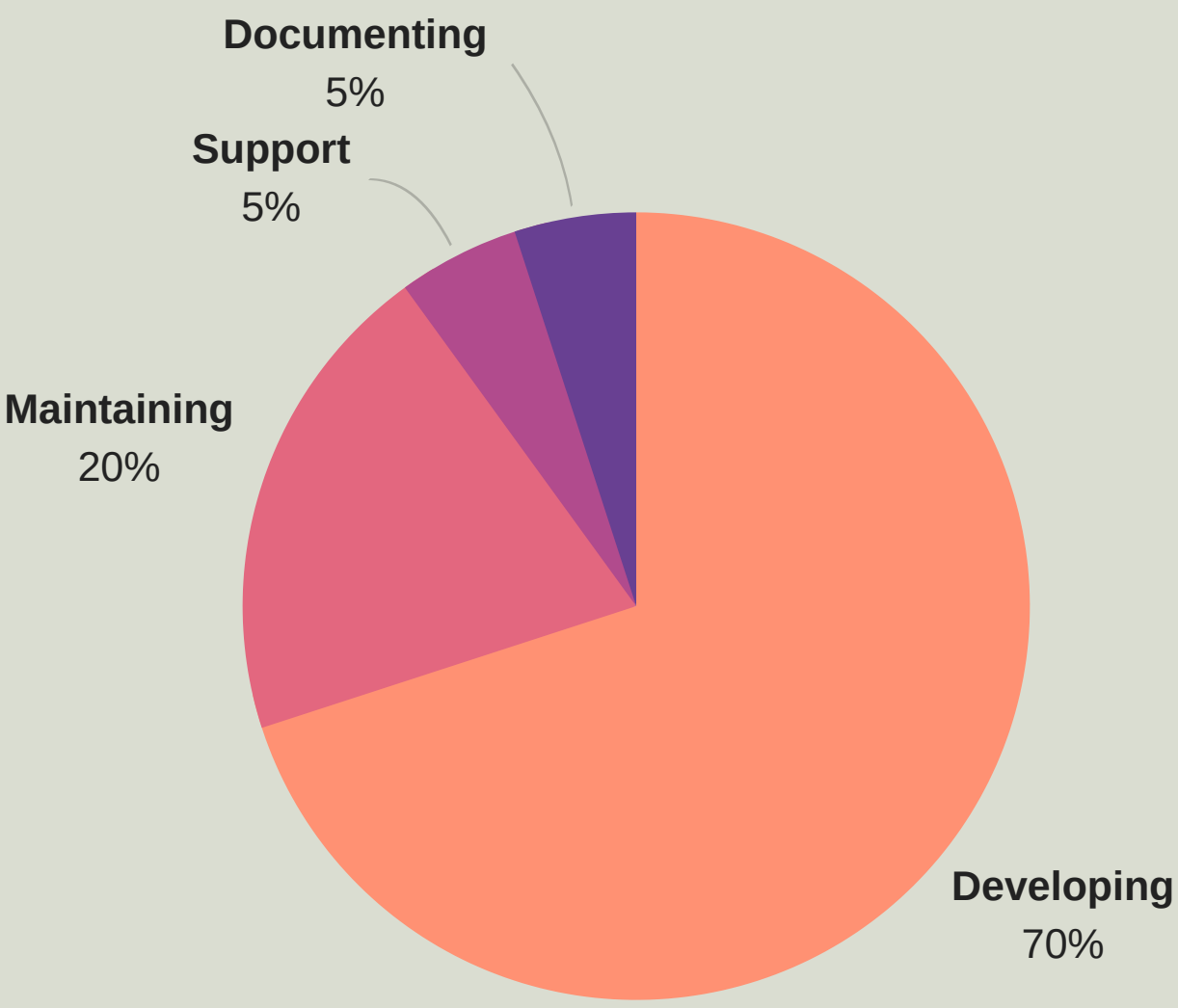
**2017**

Promoted to become **Assistant IT Manager** at Kiswire Cord SDN BHD

**2018 - PRESENT**

Lead Kota Kiswire Team in Johor Bahru for newly develop system

# CURRENT JOBSCOPE




- Develop new project for Kiswire SEA HQ
- Maintain, upgrades and modify existing system
- Support and troubleshoot faulty application on user PC
- Create user manual for newly developed system

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# MAJOR PROJECTS INVOLVED

1

## 2010

### KCSB Barcode System

Developed Pop Station program, PDA Program, Web Service and Windows Application.

2

## 2011

### SSW Pop Barcode Station

Developed windows application integrated with various weighing devices via RS232

3

## 2013

### BW SPC System

Work closely with Korean Developers to support system localization and current system integration

4

## 2015

### Machine Auto Data Transfer

Work closely with Korean Developers to perform communication between QC Test machine via RS232 and RS485 interface (Modbus RTU)

5

## 2016

### Strand Machine Monitoring System

Team up with KCSB FMT Team to develop monitoring program that listen to LSIS PLC by using TCP XGT Protocol

6

## 2017

### ID Machine Start/Stop Monitoring System

Team up with Malaysia FMT Team to develop ID machine start/stop monitoring program interconnecting via MODBUS TCP

7

## 2018

### PLC Control Module

Developed PLC Control program to act as middle-ware that can read and write PLC addresses via MODBUS TCP protocol by executing command sent from database. Program deployed on KCVL (Kiswire Cord Vietnam Limited)

8

## 2018

### CIM Web Approval

Developing CIM Web Based approval system, converting from windows application to web application; ASP.Net MVC Web API, JQuery and Entity Framework were used to develop the system.
Check it out @ https://cimweb.kiswire.com.my

# MAJOR PROJECTS INVOLVED

9

## 2018

### Reverse Proxy & App Load Balancer

Configure and setup Nginx reverse proxy and application load balancer for Web CIM Approval System

10

## 2019

### KCSB Sales & KISW Auth RESTful Api

Developing RESTful Api using GOLang for KCSB Sales and JWT Auth system

11

## 2019

### KISWPortal

Developing Kiswire SEA HQ Portal (Front End), centralized all apps (KCSB Sales, CIM Web Approval & etc)

12

## 2020

### Server Temperature & Humidity monitoring (IOT)

Developing system to capture temperature and humidity value from Autonics sensor, paired with LSIS PLC and publish data to MQQT Broker for IOT purpose