



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



2010

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



2013



2015

Join QCC Competition, Develop Stranding Machine Monitoring System.

Follow his day to day at



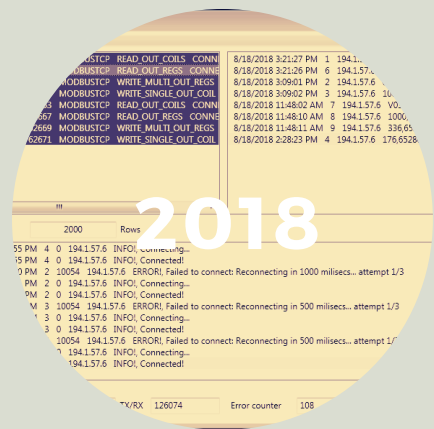
MAJOR MILESTONES CONTINUE..

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



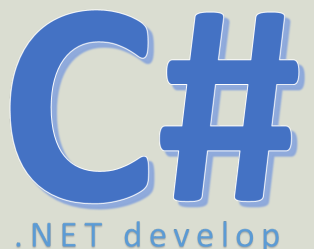
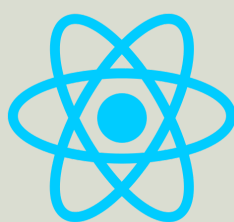
Successfully Develop 'ID
Machine Start/Stop
Monitoring System' for all
factory in Kiswire Malaysia

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](https://cimweb.kiswire.com.my)

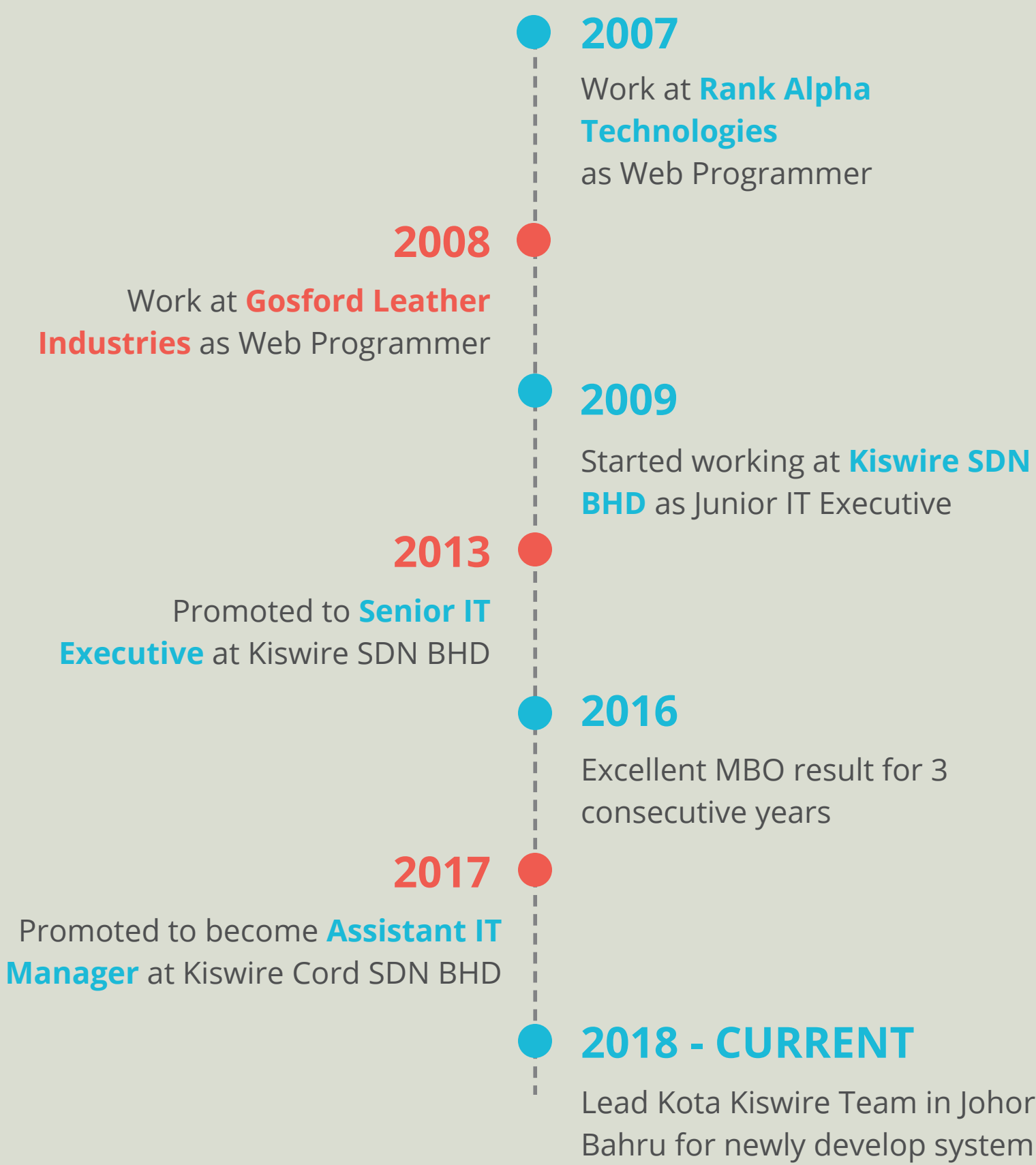
DEVELOPED SKILLS



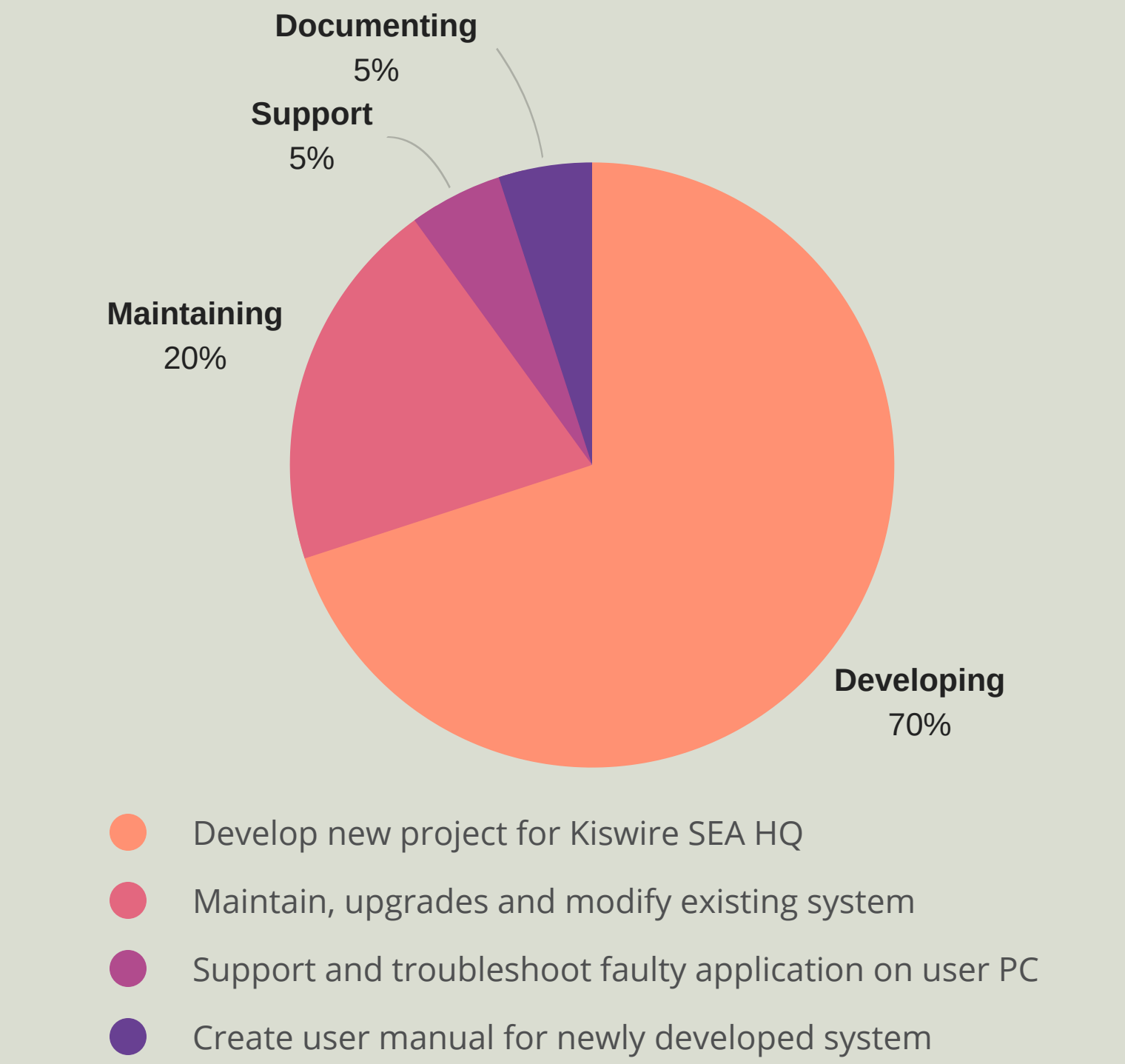
Follow his day to day at



CARRIER DEVELOPMENT



CURRENT JOBSCOPE



MAJOR PROJECTS INVOLVED

2



2011

SSW Pop Barcode Station

Developed windows application integrated with various weighing devices via RS232

1



2010

KCSB Barcode System

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

3

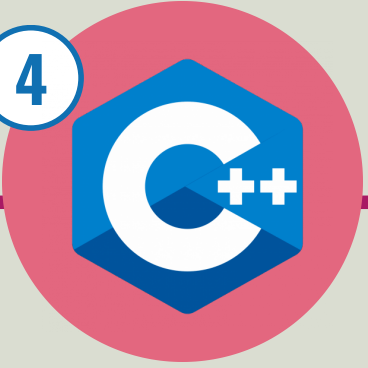


2013

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)

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

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

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

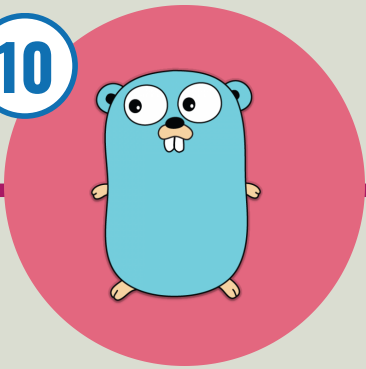


2018

Reverse Proxy & App Load Balancer

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

10

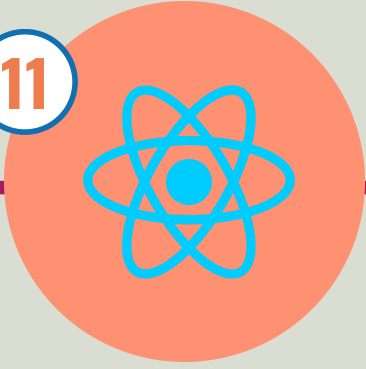


2019

KCSB Sales & KISW Auth RESTful Api

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

11

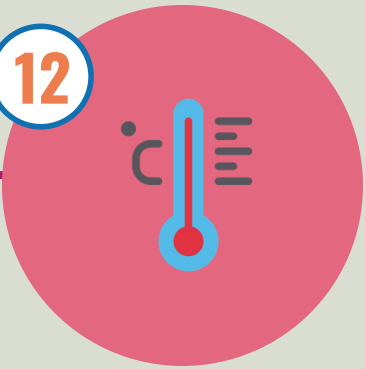


2019

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 MQTT Broker for IOT purpose