MUHAMMAD 'AKIF BIN AZIZ

Address	: Kepala Batas, Pulau Pinang, Malaysia
Mobile	**:** (+60)-13-513-1865
Email	: akifaziz98@gmail.com
LinkedIn	: www.linkedin.com/in/akifaziz

OBJECTIVE

I am a highly motivated and passionate Software Engineer, I experienced in C# and C++ programming with a focus on user interface development and control systems for High-Speed IC Testing machines in the semiconductor sector. I thrive in both independent and team environments, consistently seeking challenges to achieve business and team objectives.

EDUCATIONAL BACKGROUND

PETRONAS University of Technology (UTP), Perak, Malaysia   **(May 2019-Aug 2022)**
Bachelor of Information Technology(Hons)
Major in Software Quality And Design
Minor in Financial Management
CGPA   : 3.57
GPA   : 3.84

PETRONAS University of Technology (UTP), Perak, Malaysia   **(Mac 2016-Nov 2016)**
Foundation of Engineering
CGPA   : 3.12
GPA   : 3.33

MARA Junior Science College Balik Pulau, Pulau Pinang, Malaysia   **(2011-2015)**
Malaysian Certificate of Education (SPM)
Science stream
9 As

WORKING EXPERIENCE

SRM Integration (M) Sdn. Bhd. , Batu Maung, Pulau Pinang, Malaysia   **(Sept 2022-Present)**
Software Department
Software Engineer

- Design, develop, debug and test machine control software for high-speed machines.
- Provide application integration test and documentation.
- Provide assistance and software support to customers as well as evaluation to find solutions on customers' modification requests.
- Work closely with specialist team to evaluate interface between hardware and software as well as the operational and performance requirements of the overall system.
- Analyze and implement customer requirements and resolve software issues towards the feasibility of design within time and meeting the costs budget.
- Responsible for software development process definition and improvements.

Robert Bosch Power Tools Sdn. Bhd. , Batu Maung, Pulau Pinang   **(Jan 2021-Aug 2021)**
Bosch Production System (BPS) Department
Internship Trainee

- Maintained Bosch production line KPI Power BI Dashboard for Penang Plant.
- Developed Bosch production value stream KPI Dashboard for Penang Plant using Microsoft Power BI.
- Attended Daily Morning Meeting as IT Support for KPI Power BI Dashboard.
- Conducted Bosch Emerging (BE) BPS survey with Bosch Power Tools Plant across the world (Malaysia, China, Brazil, Russia, India) to understand the current thinking of BE BPS Team on the implementation of BPS Principles toward working activities.
- Attended BE BPS Team workshop as IT Support.
- Attended BE BPS Monthly meeting (International Exposure).

LICENSES & CERTIFICATIONS

1. Certified Kubernetes Administrator

Issued by	: The Linux Foundation & Cloud Native Computing Foundation
Issued on	: January 20, 2025
Expires	: January 20, 2027
Credential ID	: LF-dhvopg409z

2. Certified DevOps Foundation

Issued by	: Convergence Certification and Skill Development Council
Issued on	: Dec, 2024
Expires	: Nov, 2026
Credential ID	: 019cc50

3. Graduate Technologist

Issued by	: Malaysia Board of Technologists
Issued on	: May, 2023
Expires	: None
Credential ID	: GT23050191

PROJECTS

SRM Integration (M) Sdn. Bhd.   **(Sept 2022-Present)**

- Developed Software for multiple different high-speed machines for customers from Malaysia, China, Japan, Philippines and United States of America.
- Developed and Provided software support for onsite machine hardware and software features upgrade.
- Skills, Tools and Technologies Involved:
  C++, C#, SQL, Microsoft Access, Microsoft Visual Studio 2015(Windows 7), Microsoft Visual Studio 2019(Windows 10), WinForm, .Net 4.8 Framework, EtherCAT, Mitsubishi Servo Software, Fuji Electric Servo Software, FASTECH Servo Software, Etel Servo Software, Real-Time Operating System, SECSGEM.

ShopLoc: A Mobile Application to Locate Items Inside a Retail Store (Final Year Project)   **(Jul 2022)**

- Developed a mobile application to locate items inside a retail store with localization by landmark approaches using Xamarin.Form, C#, and SQLite.

Learn Malaysia History through Augmented Reality (Academic Project)   **(Sept 2021)**

- Worked in a team developing game concepts education application for learning history using augmented reality to primary and secondary school students in Malaysia using Unity3D.

Bosch Production Value Stream KPI Dashboard (Student Industrial Project)   **(May 2021)**

- Developed Bosch production value stream KPI Dashboard for Penang Plant using Microsoft Power BI with Data Analysis Expressions (DAX) programming language. Involved data import from ORACLE, SharePoint Servers.

EXTRACURRICULAR INVOLVEMENT

• Multimedia Exco, WiSE: Women in STEM , UTP	**(Nov 2020)**
• Committee member, UTP Cybergen, UTP	**(Sep 2019)**
• Exhibitor, Startup Expo, UTP	**(Nov 2018)**
• Committee member, UTP Soccer Kids, UTP	**(Jan 2018)**
• Sport & Recreational Exco, Student of Representative Council, MJSC Balik Pulau	**(2014 – 2015)**
• President, Taekwondo Club, MJSC Balik Pulau	**(2014 – 2015)**
• Secretary, Robotic Club, MJSC Balik Pulau	**(2014 – 2015)**

ACHIEVEMENTS

- Dean list award recipient (achieved more than 3.60 GPA) **(Sep 2019)**
- Dean list award recipient (achieved more than 3.60 GPA) **(May 2020)**
- Dean list award recipient (achieved more than 3.60 GPA) **(Jan 2022)**
- MJSC All-Malaysia National Co-Curricular Excellence Award **(2015)**
- Bronze Medalist, Inter-MJSC Taekwondo 2015 Championship **(2015)**
- Silver Medalist, Inter-MJSC Taekwondo 2014 Championship **(2014)**
- Gold Award, Penang National Robotic Competition 2014 **(2014)**

SKILLS

Software	**:** Microsoft Office Application, Microsoft Access, Microsoft Visual Studio 2015, Microsoft Visual Studio 2019, MELSOFT(Mitsubishi), Fuji ALPHA7(Fuji), Ezi-SERVO(FASTECH), ComET(Etel) Servo Software, DockerHub, Github, Jira
Programming Languages	**:** C++, C#, DAX, HTML/CSS, XML, SQL
Technologies/Frameworks	**:** Windows Platform Foundation (.Net Framework), WinForm (.Net 4.8 Framework), EtherCAT, SECSGEM, Kubernetes, CICD Pipelines Configuration
Language	**:** Bahasa Malaysia (Native / Bilingual Proficiency), English (Intermediate Proficiency), Mandarin (Basic Class Proficiency)

EXPECTED SALARY

Salary range $5300 up to $6000 per month, depending on the scope and nature of the position and the benefits offered.

REFERENCES

Mr Lee Kok Hong
Software Department Manager,
SRM Integration (M) Sdn. Bhd.
khlee@srm.com.my

Mrs Khoo Su Yean Jenny
BOSCH Production System (BPS)
Robert Bosch Power Tools Sdn. Bhd.
SuYean.Khoo@my.bosch.com

Ts Dr Shuib Basri
Senior Lecturer,
Universiti Teknologi PETRONAS
shuib_basri@utp.edu.my

Mr Iskandar Danial Adam Adonis
Founder/Business Owner
In Global Venture Enterprise
Iskandar.adonis@inglobalventure.com