



# AHMAD SYAHIDUL AMIN BIN MOHAMAD AZNAL

## R E S U M E

### CONTACT

- 📞 +011-6130 1310  
✉️ asyahidula@gmail.com  
📍 No 45, Jalan Impian 2/17,  
Taman Impian Jaya,  
81400, Senai, Johor

### EDUCATION

#### 2024 - CURRENT

#### UNIVERSITY MALAYSIA PAHANG

#### AL-SULTAN ABDULLAH

- Bachelor of Technology  
Electronic Automation  
Industrial with Honors
- GPA 3.9 / 4.0

#### 2018 - 2022

#### TANJUNG PUTERI COLLEGE

#### VOCATIONAL

- Diploma of Electronic  
Technology
- GPA: 3.67 / 3.69

### SKILLS

- Project Management
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

### LANGUAGES

- Malay (Fluent)
- English (Intermediate)
- Chinese (Basics)

### PROFILE

A highly motivated and energetic fresh graduate who has an understanding of the roles and responsibilities of an engineer. Looking for a position as an engineer with a company that offers excellent job opportunities and interesting work challenges to improve knowledge and skills. Get involved in a number of projects and events where you can do what you love, such as working in groups, analyzing, writing, researching and brainstorming throughout your studies and work experience.

### WORK EXPERIENCE

#### ASJ COMPONENTS SDN (M) BHD

2023 - 2024

##### TECHNICIAN

- Installing and configuring machines.
- Diagnosing problems, replacing faulty components, and ensuring smooth operation.
- Assisting operators and other staff with technical issues.
- Keeping records of maintenance, repairs, and equipment performance.

#### JOHOR SKILLS (JCOP)

2023

##### EXPERTS CRAFTMANS MACHINING IN PROCESS

- Setting up CNC machines, lathes, milling machines, and other machining tools to perform precise cutting, drilling, and shaping operations.
- Crafting metal with extremely tight tolerances using advanced techniques such as milling, turning and grinding.
- Training in 2 months period as short course taken.

#### OHNISHI ELECTRONIC (M) SDN BHD

2022

##### INTERN

- Able to complete all tasks given within specified duration with high quality product.
- A good team player in performing and delivering works.
- Training in 6 months period as internship partner.

### REFERENCE

UMPSA PEKAN  
(Main Campus)  
University Malaysia Pahang  
Al - Sultan Abdullah  
26600 Pekan  
Pahang, Malaysia

Tel: +609-431 5000  
Email: pro@umpsa.edu.my

TS. Dr. Raja Mohd Taufika Bin Raja Ismail  
Head of Programme  
Bachelor Of Technology in Industrial Electronic  
Automation with Honours

Tel: +609-431 5829  
Email: rajamohd@umpsa.edu.my

## **Curriculum Vitae**

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**AHMAD SYAHIDUL AMIN BIN MOHAMAD AZNAL**

**No. 45, Jalan Impian 2/17, Taman Impian Jaya, 81400 Senai, Johor, Malaysia**

 +60 11-6130 1310 |  [asyahidula@gmail.com](mailto:asyahidula@gmail.com)

### Profile

A highly motivated and energetic fresh graduate with strong fundamentals in industrial electronic automation. Passionate about teamwork, analysis, research, and innovative problem-solving. Seeking an engineering position in a company that offers exciting challenges and growth opportunities.

### About Me

I'm a passionate and results-driven engineer specializing in industrial automation, robotics, and process optimization. I have hands-on experience in developing efficient, user-focused systems and continuously strive to expand my technical skill set.

### Education

#### **Bachelor of Technology in Industrial Electronic Automation with Honors**

*University Malaysia Pahang Al-Sultan Abdullah (2024 – Present)*

**GPA:** 3.90 / 4.00

#### **Diploma in Electronic Technology**

*Tanjung Puteri College Vocational (2018 – 2022)*

**GPA:** 3.67 / 3.69

### Projects

#### **1. IR 4.0 Production Line Phase 1**

- Led the setup and restoration of a production line from technical drawings.
- Integrated mechanical/electrical components and developed a real-time HMI.

#### **2. CNC Milling**

- Programmed, operated, and calibrated CNC milling machines.
- Read blueprints, optimized G-code, and ensured machining precision.

### **3. Jig Assembly**

- Assembled precision jigs from drawing, using hand and power tools.
- Conducted quality checks to meet dimensional tolerances.

### **4. Compact Sorting Bin Kit**

- Developed a PLC-based educational kit for vocational colleges.

### **Technical Skills**

- **CX-Programmer:** Proficient in Ladder Programming Language for PLC systems.
- **CX-Designer:** Skilled in designing Graphic User Interfaces (GUIs) for Omron PLC systems.
- **Proteus 8 Professional:** Experienced in using simulation and design software for electronic projects.
- **AutoCAD:** Competent in 2D and 3D drawing for design and drafting purposes.
- **Python Programming:** Knowledge of basic Python programming principles.
- **C Programming:** Knowledge of basic C programming principles.
- **Android Studio:** Capable of mobile app development using Android Studio.
- **EPLAN Electric P8:** Skilled in designing and creating 2D electrical drawings.
- **PLC Programming:** Experienced in Mitsubishi PLC programming.
- **Cisco Packet Tracer:** Able to design network configurations using routers.
- **Microsoft Word:** Proficient in creating project reports and documentation.
- **Microsoft Excel:** Skilled in data analysis and manipulation using Microsoft Excel.

### **Work Experience**

- **ASJ COMPONENTS SDN (M) BHD (2023-2024)**
  - **Technician**
    - Installed and configured machines, ensuring optimal performance.
    - Diagnosed complex problems, replaced faulty components, and ensured smooth operation of equipment.
    - Provided technical assistance to operators and other staff, resolving technical issues efficiently.
    - Maintained detailed records of maintenance, repairs, and equipment performance for future reference.

- **JOHOR SKILLS (JCOP) (2023)**
  - **Experts Craftsman Machining in Process**
    - Set up CNC machines, lathes, milling machines, and other machining tools to perform precise cutting, drilling, and shaping operations.
    - Crafted metal components with extremely tight tolerances using advanced techniques such as milling, turning, and grinding.
    - Completed a 2-month short course, gaining specialized skills in precision machining.
- **OHNISHI ELECTRONIC (M) SDN BHD (2022)**
  - **Intern**
    - Consistently completed all assigned tasks within specified timeframes, delivering high-quality results.
    - Demonstrated strong teamwork skills in project execution, contributing to successful project outcomes.
    - Completed a 6-month internship, gaining practical experience in electronic manufacturing.

### **Achievements**

- Participated in the Higher Education English Language Carnival 2024 (HE ELCA 2024) organized by the Centre for Modern Languages, University Malaysia Pahang Al-Sultan Abdullah and Department of Higher Education.
- Successfully completed an online non-credit project on Introduction to Data Analysis using Microsoft Excel authorized by Coursera Project Network and offered through Coursera.
- Successfully completed an online non-credit project on Introduction to Microsoft Excel authorized by Coursera Project Network and offered through Coursera.
- Successfully completed training on OMRON Collaborative Robot (COBOT) Level 1 at University Malaysia Pahang Al-Sultan Abdullah.
- Participated in the FORUM TVET IN AI DRIVEN ECONOMY organized by the Faculty of Engineering Technology Electrical and Electronics, University Malaysia Pahang Al-Sultan Abdullah.
- Participated in the PROGRAM SENSEI GAKUSEI: Time Mastery: Unleashing Your Productivity Potential organized by the Student Resident Representative 4 (PEKA 4), University Malaysia Pahang Al-Sultan Abdullah.

### Additional Skills

- Project Management
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

### Languages

- Malay: Fluent
- English: Intermediate
- Chinese: Basic

### References

- **UMPSA Pekan (Main Campus)**  
University Malaysia Pahang Al Sultan Abdullah  
26600 Pekan, Pahang, Malaysia  
 +609-431 5000 |  [pro@umpsa.edu.my](mailto:pro@umpsa.edu.my)
- **Ts. Dr. Raja Mohd Taufika Bin Raja Ismail**  
Head of Programme – BTech Industrial Electronic Automation  
 +609-431 5829 |  [rajamohd@umpsa.edu.my](mailto:rajamohd@umpsa.edu.my)