



MUHAMMAD AKMAL BIN AHMAD JEFRI

Address : Padang Serai, Kedah

Phone : 012-545 2470

Email : muhammad.akmal.jefri@proton.me

LinkedIn : www.linkedin.com/in/muhammad-akmal-ahmad-jefri-7b707a321

Website : www.akmal-is.online

OBJECTIVES

A highly motivated and detail-oriented diploma student in Computer Systems and Networking, seeking an internship opportunity to gain hands-on experience in the field. Skilled in Windows and Linux environments, with practical knowledge in system administration, troubleshooting, and network security. Proficient in various programming languages, including Java, Python, C++, C, and SQL, as well as web development technologies such as HTML, PHP, and CSS. Eager to apply my technical skills in a real-world setting, contribute to a dynamic IT team, and continuously expand my expertise in networking, software development, and technology.

EDUCATION

Kolej Poly-Tech MARA Batu Pahat

July 2023 - June 2025

- Diploma in Computer System and Networking
- CGPA: 3.96 (Dean's List)

Sekolah Menengah Kebangsaan Kulim

Jan 2018 - March 2023

- Malaysian Certificate of Education (SPM)
- Computer Science Stream

SKILLS

Networking Skills

- Network Configuration
- Troubleshooting & Diagnostics
- TCP/IP Protocols
- Subnetting & IP Addressing
- Network Security
- Wireless Networking
- Network Monitoring

Programming Skills

- Proficient in Java, Python, C++, C, and SQL
- Algorithm Design
- Database Management
- Web Development (HTML, CSS, PHP, JavaScript, Bootstrap)
- Debugging & Troubleshooting
- Software Development Life Cycle (SDLC)

Productivity & Office Tools

- Microsoft Office Suite (Word, Excel, PowerPoint, Outlook)
- Microsoft Teams, Microsoft OneNote
- Google Workspace (Docs, Sheets, Slides, Drive)
- Dropbox, OneDrive
- Google Keep

Tools

- Networking: Wireshark, Nmap, Cisco Packet Tracer, PuTTY, OpenVPN, pfSense
- Development & Scripting: Visual Studio Code, PyCharm, Linux Bash, PowerShell

Additional Skills

- Fluent in English and Malay
- Skilled at Windows and Linux

ACCOMPLISHMENTS

Certifications

- CCNAv7: Introduction to Networks
- CCNAv7: Switching, Routing, and Wireless Essentials
- CCNAv7: Enterprise Networking, Security, and Automation
- CISCO: Networking Basics
- CISCO: Network Addressing and Basic Troubleshooting
- CISCO: Networking Devices and Initial Configuration
- CISCO: Network Support and Security
- CISCO: Cyber Threat Management
- CISCO: Network Defense
- CISCO: Endpoint Security
- CISCO: Ethical Hacker
- CISCO: JavaScript Essentials 1
- CISCO: JavaScript Essentials 2
- CISCO: Python Essentials 1
- CISCO: Python Essentials 2
- CISCO: Data Analytics Essentials
- CISCO: Introduction to Cybersecurity

Awards

- Dean's List (Semester 1-5)
- Senate (Semester 3 and 4)
- Academic Achievement Excellence 2023
- Awarded Bronze Medal for IT Ideation (WeSortYou Kiosk)

Leaderships

- Committee Member IT Ideation 4.0
- Dormitory Management Committee
- President of IT Club

Programmes

- Exhibitor for IT Ideation 4.0
- Community Service Computer Maintenance SMK Suria Perdana
- Fiber Installation and Splicing Course
- Worldskills Malaysia Belia 2024(WSMB)

PROJECTS

WeSortYou Kiosk

Role: Lead Developer | Aug 2024 - Oct 2024

- Developed a patient self-registration and room sorting according to pain level using PHP , CSS, MySQL and JavaScript
- Implemented user roles including patient, nurse and doctor for workflow efficiency

Crash Detection Helmet (IOT)

- Final IT Project Semester 5
- A helmet with ESP32 to detect crash connected to user hotspot, send data to Firebase to self developed app with crash alert notification and real time monitoring

REFEREES

Pn. Noraisah Binti Kamarudin

Lecturer Computer Science

Jabatan Sains Komputer dan Matematik, Kolej Poly-Tech MARA Batu Pahat

Email : noraisah.kamarudin@gapps.kptm.edu.my

Phone : 010-298 1317

Pn. Nor Ain Fadzilah Binti Rais

Lecturer Computer Science

Jabatan Sains Komputer dan Matematik, Kolej Poly-Tech MARA Batu Pahat

Email : ain_fadzillah@gapps.kptm.edu.my

Phone : 011-6427 7151