

ABDUL HAFIZ BIN MOHD NOOR AZMAN

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PROFESSIONAL SUMMARY

Final-year Computer Science student at Universiti Teknologi PETRONAS with experience in data automation and enterprise reporting systems. Completed an industrial placement developing API-integrated tools that improved operational efficiency and reduced report preparation time. Aiming to contribute as a versatile technology professional, with a focus on **artificial intelligence, data engineering, and software development**.

EDUCATION

Universiti Teknologi PETRONAS

Seri Iskandar, Perak

Bachelor of Computer Science (Hons.) | CGPA 3.77

September 2023 – Present

WORK EXPERIENCE

Petroliam Nasional Berhad (PETRONAS)

Seri Iskandar, Perak

Data Analyst Intern

May 2025 – December 2025

- Managed and validated production allocation data across **30+ petroleum assets** within the Hydrocarbon Measurement & Allocation unit, improving reporting consistency and data traceability.
- Developed **XVar**, a Python-based automation tool, and API-integrated **Power BI dashboards**, reducing complex report preparation from **multi-day processing to minutes** and manual data handling by **60%**.

Premiia Solutions

Seri Iskandar, Perak

Founder & Software Developer

September 2023 – Present

- Founded an independent software and 3D-printing venture, designing and deploying **web applications, database systems, and automation tools** tailored to client operational needs.
- Delivered **custom 3D-printed products** for clients and provided subcontract printing capacity to other service providers, fulfilling overflow orders to meet tight production deadlines.

PROJECT HIGHLIGHTS

Personal Portfolio Website (hafizazman.com)

Seri Iskandar, Perak

Personal Project

September 2023 – Present

- Designed and developed a personal portfolio platform to showcase **software projects, technical documentation, and professional experience**.
- Structured project pages to document **development workflows, system architecture, and implementation details**.

Regen: Soil Regeneration Robot

Seri Iskandar, Perak

Bytebots Initiative Project

September 2024 – December 2024

- Designed an autonomous soil regeneration robot using **real-time NPK sensors, IoT connectivity, and AI-based control algorithms** to address soil degradation.
- Developed **path optimisation logic and a data visualisation dashboard** enabling farmers to monitor soil nutrients, soil health, and resource usage for sustainable agriculture.

LEADERSHIP EXPERIENCE & ACTIVITIES

UTP Computer Information Sciences Student Society (UCIS-SS)

Seri Iskandar, Perak

President

January 2024 – April 2025

- Led a team of **237 members**, overseeing academic and welfare initiatives while coordinating student programmes and strengthening departmental engagement.

UTP Taekwondo Club

Seri Iskandar, Perak

Athlete

September 2022 – Present

- Represented UTP in national and international tournaments throughout university, achieving **2 Gold, 1 Silver, and 3 Bronze medals**.

UTP Volunteering Initiatives

Malaysia, Japan, Indonesia, Korea

Volunteer

September 2022 – Present

- Participated in local and international volunteer programmes, representing UTP in cultural exchange and community outreach initiatives across four countries.

CERTIFICATIONS & TRAINING

- PETRONAS Lean Six Sigma Yellow Belt (PETRONAS / IASSC)
- Predictive Modeling in Excel for Oil & Gas Professionals (UTP CAPE)
- Generative AI for Professionals (UTP CAPE)
- Generative AI Skills for All (UTP CAPE)
- Microsoft AI for All (Microsoft)
- RunCloud Education Cloud Computing Fundamentals (RunCloud)
- Introduction to Git and GitHub (Google)

AWARDS & RECOGNITION

- Dean's List Award: September 2022 Semester – Present
- Runner-up PETRONAS CTF 2025
- Runner-up Upstream2Innovate: Reinventing Upstream Challenge
- Top 10 Finalist Malaysia Data Innovation Talent 2025
- Top 10 Finalist Malaysia Techlympics 2023
- 5th Runner-up PYDT International Augmented Reality Competition
- Malaysian Book of Records holder for “Most Used Tiles in Domino Effects”

SKILLS & INTERESTS

Programming & Development: Python, Java, JavaScript, HTML/CSS, Flutter, React.js, C++, C#

Computer Tools: Microsoft Office Suite, Power BI, Adobe Creative Suite, Google Workspace, Git, GitHub

Soft Skills: Problem Solving, Leadership, Critical Thinking, Analytical Thinking, Project Management

Languages: Malay (Native), English (Proficient), Mandarin (Beginner), Sign Language (Beginner)