



SCAN ME

**NUR HAZIMAH BINTI SADON**

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Perlis

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### PROFESSIONAL SUMMARY

Highly adaptable and analytical Physics graduate with a strong foundation in Data Science, Mathematics, and Education. Proficient in Python, SQL, and statistical analysis, with a proven ability to develop data-driven solutions and predictive models. Possesses strong communication and instructional skills gained through teaching experience. Seeking to leverage technical expertise, problem-solving abilities, and adaptability in a dynamic professional environment, including interests in data analytics and digital strategy to drive organizational growth.

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### TECHNICAL SKILLS & CERTIFICATIONS

#### Technical

- **Programming & Data Tools:** Proficient in **Python (Pandas, NumPy, Matplotlib, Scikit-learn)**, **SQL**, **C++**, **MATLAB**.
- **Web & Campaign Fundamentals:** Foundational skills in **HTML**, **CSS**, **JavaScript basics**, **Figma**, **Canva**.
- **Software & Tools:** **Microsoft Office Suite (Excel, Word, PowerPoint)**, **Jupyter Notebook**, **Google Colab**.
- **Core Competencies:** **Data Analysis**, **Machine Learning**, **Statistical Modeling**, **Problem Solving**, **Classroom Management**.

#### ICTC Python for Data Science Certificate

*Nov 2024 – Feb 2025*

- Gained proficiency in **data manipulation, visualization, and analysis** with **Pandas**, **NumPy**, and **Matplotlib**.
- Explored **statistical methods, data preprocessing, and machine learning fundamentals** using **Scikit-learn**.

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### PROFESSIONAL EXPERIENCE

#### STEM Tutor (Advanced Math and Sciences) | Freelance

*since 2022-Ongoing*

- **Diagnosed learning gaps** and optimized instructional strategies for students, demonstrating strong **analytical and adaptive thinking**.
- Provided personalized guidance across subjects including **Mathematics, Add Math, Physics, and Science**, proving **high-level communication skills** essential for client/team collaboration.
- Managed schedules and student progress reports effectively.

#### Mathematics Teacher(MyStep) | SMK Kuala Perlis| Perlis, Malaysia

*May 2025 – Jul 2025*

- Initiated the development of a **web application** to simplify teaching processes and improve content delivery.
- Conducted **analysis of student performance** to identify weak topics and inform targeted teaching strategies.
- Improved student engagement by implementing **student-centred approaches**.

#### Physics & Science Intern Teacher | SMK Syed Saffi | Perlis, Malaysia

*Oct 2023 – Jan 2024*

- Created and executed **structured theory and experiment lessons**, promoting **critical thinking skills**.
- Ensured **full curriculum coverage** and collaborated with senior staff to organize school events and **administrative tasks**.

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### PROJECTS

#### Predictive Car Valuation Model (Group Capstone Project)

- **Objective:** Collaborated with a **team** to develop a high-accuracy Machine Learning model for predicting used car market prices based on vehicle features.
- **Methodology:** Contributed to data cleaning, feature engineering, and the optimization of regression models (Random Forest, Linear Regression).
- **Result:** Achieved an R-squared score of ~98%, demonstrating the team's ability to deliver high-precision analytical solutions.

### Characterization of AZ91 Metal Matrix Composite (FYP Research)

- **Scope:** Conducted research on Graphene-reinforced AZ91 composites using powder metallurgy techniques.
- **Analysis:** Analyzed material properties using X-Ray Diffraction (XRD) and interpreted experimental data trends.
- **Compliance:** Ensured strict adherence to laboratory safety protocols and standard operating procedures.

### NEXTrack Interactive Freelance Dashboard UI

- **Objective:** Designed a functional front-end dashboard for tracking freelance projects and finances.
- **Key Skill:** Demonstrates strong UI/UX design skills, attention to detail, and ability to structure data visually for quick user interpretation.
- **Tools:** HTML5, Tailwind CSS, JavaScript, Figma (for UI/UX).

### EDUCATION

MARA University of Technology (UiTM) | BSc (Hons) Physics | CGPA: 3.27

Oct 2020 – Apr 2024

### EXTRACURRICULAR & VOLUNTEER ACTIVITIES

MARA University of Technology, Perlis, Malaysia

Vice Secretary, Physics Club

Jul 2021 – Jul 2022

- Managed official documentation, meeting minutes, and organized physics-related workshops.

Facilitator

Oct 2021 – Mac 2022

- Led student programs, fostering leadership and teamwork skills.

### REFERENCES

Thayanithy Jegan | Chief Technical Officer, Thulija Technologies Sdn Bhd  
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