



Muhammad Irfan Al-Amin Bin

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ABOUT ME

I am a Computer Science diploma student at Kolej Profesional MARA Beranang (KPMB) with a strong interest in software development, data analysis, and web technologies. I enjoy building creative and practical projects, from desktop applications using Electron to data visualization of real-world datasets. I have experience in frontend development, UI/UX design, and CRUD operations, as well as data analysis and visualization techniques. I also explored digital marketing strategies by promoting a mobile app through TikTok.

PROJECT

- **Solat Time Tracker App**

A desktop app built with Electron to display Solat times, let parents track their children's prayers, and store data in a text file. It has a space-themed UI with a guiding robot character for kids.

- **Quiz App**

A project documenting a quiz app, including screen captures of login, home, and quiz pages, with explanations of how each feature works.

- **Air Quality Data Analysis**

A data analysis project using the APIMS-final.csv dataset focused on Malaysia's air quality and pollution levels.

- **LAN Technologies Notes**

A networking project covering VLANs, trunk links, port security, and spanning tree protocol using cisco packet tracer.

- **Website Testing**

A project focused on testing a website's functionality, design, and usability.

Using Nike Website

EDUCATION

Diploma In Computer Science

Kolej Professional Mara Beranang

CGPA: 3.24

Coursework: Data Analysis & Visualization, Mobile App Development, Networking, Web Development, Software Engineering.

Honors And Rewards: Deans in sem 1 and sem 4

SKILLS

- Programming & Development: HTML, CSS, JavaScript, R programming, Electron framework.
- Data Analysis & Visualization: Data cleaning, statistical analysis, line graphs, bar charts, heatmaps, GIS maps.
- Database & Storage: CRUD operations using text file storage, data handling with JavaScript.
- Networking: VLAN configuration, trunk links, spanning tree protocol, port security.
- Software Tools: VS Code, Git/GitHub, Excel, Project.
- Problem-solving and debugging.
- Project documentation and reporting.
- Business planning using Business Model Canvas (BMC).
- Creativity in UI design (space-themed, engaging interfaces).