AHMAD AMZAR ABDUL RAHIM

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SUMMARY

Information Technology graduate majoring in Big Data Technology, with strong skills in data and predictive analysis and web development. Familiar with Python, PHP, C++, MySQL, HTML, CSS, JavaScript, React, Laravel, Power BI and cloud fundamentals. Gained practical industry exposure in UI/UX prototyping, front-end web development and, QA testing during internship. Recognized as a reliable and adaptable team member with strong problem-solving skills and commitment.

EDUCATIONAL BACKGROUND

Universiti Teknologi MARA (UiTM)   **Shah Alam, Selangor**
Bachelor of Information Technology (Hons.) CGPA: 3.46   **Oct 2022 – Feb 2026**
- Specialization in Big Data Technology
- Dean's List Award Recipient 1st and 5th Semester

Kolej Matrikulasi Kedah   **Changlun. Kedah**
Foundation Degree, Accounting CGPA: 3.96   **Aug 2021 – Jun 2022**
- PSPM (4.00) Award Recipient 1st Semester

WORK EXPERIENCE

CACTION SDN BHD   **Sep 2025 – Feb 2026**
Software Developer Intern   Subang Jaya, Selangor
- Contributed to software development lifecycle by **designing** and **prototyping UI and UX** using **Figma**.
- Developed and deployed **front-end web pages** for the Marketing team, including the setup and configuration of the **Laravel** development environment.
- Executed comprehensive **QA testing** for new system features and updates, with the creation of mind maps, test charters, and formal test cases.

MR. DIY   **Jun 2022 – Sep 2022**
Promoter   Batu Caves
- Promoted and demonstrated various products to customers, enhancing product visibility and driving sales.
- Provided exceptional customer service, assisting shoppers in locating items, offering product recommendations, and ensuring a positive in-store experience.

RAMLY BISTRO   **Apr 2021 – May 2021**
Service Crew   Batu Muda, Kuala Lumpur
- Took customer orders, ensured prompt and accurate service, and maintained a welcoming dining environment.
- Managed e-hailing orders, coordinating timely preparation and delivery for online customers.

PROJECTS

Full-Stack Appointment Scheduling Platform | *React 18, Laravel 12, MySQL*   **Dec 2025 – Jan 2026**
- **Architected a decoupled SPA** using **React 18, Vite, and TailwindCSS**, integrated with a **Laravel 12 (PHP 8.2)** RESTful API to deliver a high-performance, mobile-first booking interface.

- **Engineered complex scheduling logic** using SQL transactions and optimized queries to manage real-time employee availability and prevent booking conflicts.
- **Implemented secure RBAC authentication** via **Laravel Sanctum**, strictly segregating public client features from protected administrative dashboards.

SkillVis: Workforce Demographics Analytics Dashboard | *Power BI, Python (Pandas) , DAX*   **Oct 2024 – Feb 2025**
- **Executed a Python-based preprocessing pipeline** to clean and merge disparate CSV datasets, utilizing **Regex** for pattern matching and **Pandas** for statistical imputation of missing values.
- **Implemented complex DAX measures** including `REMOVEFILTERS` for global aggregations and custom ranking method to drive an interactive "Leading Industry" recommendation engine.
- **Visualized geospatial and demographic data** using custom TopoJSON shape maps and dynamic slicers to track aging workforce distribution across 5 key nations.

Multi-Model Generative AI EV Analytics Platform | *Python, Streamlit, OpenAI, Gemini*   **Sep 2024 – Oct 2024**
- Developed a unified interface using **Streamlit**, integrating **OpenAI GPT-3.5** for structured vehicle specification retrieval and **Google Gemini 1.5 Flash** for high-context document reasoning.
- Designed a pipeline using **PyPDF2** and **Gemini 1.5 Flash** to ingest PDF owner's manuals, enabling real-time, context-aware Q&A for complex technical queries.
- Built a dynamic TCO calculator using **Pandas** and **Plotly** to visualize long-term fuel savings (Petrol vs. EV) based on custom user parameters and energy rates.

SKILLS AND CERTIFICATIONS

Technical Skills
- **Languages:** Python, PHP (8.x), C++, JavaScript (ES6+), SQL
- **Frontend:** React, TailwindCSS, HTML5, CSS3
- **Backend:** Laravel RESTful APIs, MySQL
- **Data Analytics:** Microsoft Power BI, DAX, Pandas, NumPy, Jupyter Notebook, Google Colab
- **Tools:** Docker, Git, Figma

Certifications
- **AWS Certified Cloud Practitioner** | Amazon Web Services   **Aug 2025**
- **AI in Application Design** | Advanced Semiconductor Academy of Malaysia   **Oct 2024**
- **Database Design & Programming with SQL** | Oracle Academy   **Dec 2023**

EXTRA-CURRICULAR ACTIVITIES

- Gold Award Recipient for Malaysian Choral Eisteddfod – International Choir Festival 2024
- Silver Award Recipient for Best Product in the 4th International Creative and Innovative Product Exhibition (ICrIPE) 2024

REFERENCES

Ts. Dr. Surya Sumarni Binti Hussein
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