

AHMAD AMZAR ABDUL RAHIM

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SUMMARY

Information Technology graduate majoring in Big Data Technology, with practical experience in web development. During my internship at Caction Sdn Bhd, I worked on UI/UX design, front-end development using Laravel, and system testing. I enjoy building functional applications, recently completing a hackathon project involving AI-driven workflows and several full-stack web projects. Currently looking to apply my technical skills and continue learning as a Junior Software Developer.

EDUCATIONAL BACKGROUND

Bachelor of Information Technology (Hons.) Universiti Teknologi MARA	Oct 2022 – Feb 2026
<ul style="list-style-type: none">Specialization in Big Data TechnologyGrade: 3.46 / Second Class UpperAwards: Dean's List Award Recipient 1st and 5th SemesterCoursework: Enterprise Programming (Java EE), Web Technology & Application, Mobile Technology & Development, Database Design & Environment, Information Systems Engineering	
Foundation in Accounting Kolej Matrikulasi Kedah	Aug 2021 – Jun 2022
<ul style="list-style-type: none">Grade: 3.96 / First ClassAwards: PSPM (4.00) Award Recipient 1st SemesterCoursework: Mathematic I, Mathematic II, Accounting I, Accounting II	

WORK EXPERIENCE

Software Developer Intern Caction Sdn Bhd	Sep 2025 – Feb 2026
<ul style="list-style-type: none">Developed and deployed responsive industry-specific pages using Laravel (PHP), HTML5, CSS3, and JavaScript, ensuring alignment with marketing campaign requirements and production-level standards.Designed complex UI/UX modules in Figma, including a system to manage multi-level data (Project vs. Job) and a Digital Form Details revamp for technicians.Spearheaded end-to-end manual testing for CRM features, creating detailed Test Charters, Mind Maps, and Test Cases in Notion to identify and resolve front-end and back-end bugs prior to production release.	
Sales Promoter MR. DIY	Jun 2022 – Sep 2022
Service Crew Ramly Bistro	Apr 2021 – May 2021

PROJECTS

AI Business Workflow Automation Studio <i>FastAPI, React 19, ChromaDB, Gemini 3 Flash</i>	Feb 2026 – Feb 2026
<ul style="list-style-type: none">Developed an end-to-end AI Platform that transform natural language prompts into functional, multi-step API workflows.Built a smart search system using vector embeddings ChromaDB to accurately match user requests with the most relevant technical tools and APIs.Implemented a custom “Action Engine” to handle complex task sequencing, ensuring that data flows correctly between different automated steps without needing heavy external software.Designed a visual “Drag-and-Drop” editor using React Flow, allowing users to see and modify their AI-generated workflows in real-time.	

Full-Stack Appointment Scheduling Platform | *React 18, Laravel 12, MySQL* Dec 2025 – Jan 2026

- Developed 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 (3.12), PHP (8.x), C++, Java, TypeScript, JavaScript (ES6+), SQL
- **Framework:** Laravel 12 RESTful, FastAPI, React 19, TailwindCSS 4
- **Databases:** MySQL, Oracle, ChromaDB, SQLite
- **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

Muhammad Nurhaziq Bin Mohd Fauzi

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