

# AHMAD AMZAR ABDUL RAHIM

**Location** : Gombak, Selangor  
**Phone Number** : +6018-2726855  
**Email** : [amzarabdulrahim@gmail.com](mailto:amzarabdulrahim@gmail.com)  
**LinkedIn** : [www.linkedin.com/in/amzarabdulrahim](https://www.linkedin.com/in/amzarabdulrahim)



## 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**

- Specialization in Big Data Technology
- **Grade:** 3.46 / Second Class Upper
- **Awards:** Dean's List Award Recipient 1<sup>st</sup> and 5<sup>th</sup> Semester
- **Coursework:** 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**

- **Grade:** 3.96 / First Class
- **Awards:** PSPM (4.00) Award Recipient 1<sup>st</sup> Semester
- **Coursework:** Mathematic I, Mathematic II, Accounting I, Accounting II

## WORK EXPERIENCE

---

**Software Developer Intern** | Caction Sdn Bhd **Sep 2025 – Feb 2026**

- 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** | *FastAPI, React 19, ChromaDB, Gemini 3 Flash* **Feb 2026 – Feb 2026**

- **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 4<sup>th</sup> International Creative and Innovative Product Exhibition (ICrIPE) 2024

## REFERENCES

---

### Muhammad Nurhaziq Bin Mohd Fauzi

Lead Backend Engineer | Caction Sdn Bhd

+60 17-453 8735

[nurhaziq.fauzi@caction.com](mailto:nurhaziq.fauzi@caction.com)