

NUR SYAFA IRDINA BINTI ROSLI

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Residensi Adelia Persiaran Bangi Avenue 2, 43000 Kajang, Selangor

SUMMARY

Computer Science graduate with experience in designing and implementing AI-assisted workflows and operational systems to enhance business efficiency. Experienced in system management, task tracking, and team coordination frameworks, with ongoing work integrating AI tools and digital platforms into operations. Skilled in PHP, Python, JavaScript, and SQL, with expertise in database management, process automation, and performance monitoring systems. Currently developing HR Task Tracking and KPI evaluation systems with automated reminders and performance-to-reward mechanisms to improve accountability and enable data-driven decision-making. Analytical and solution-oriented, with a proven ability to organize complex processes, streamline workflows, and support technology-driven business operations.

EDUCATION

Universiti Teknologi MARA (UiTM) Kuala Terengganu **Oct 2022 - Feb 2026**

- Bachelor of Computer Science (Hons.)

Kolej Matrikulasi Kelantan, Kelantan **Sept 2021- May 2022**

- Accounting

WORK EXPERIENCE

Software Engineering **Feb 2026 - Present**

IBNU SINA WELLNESS

- Developed and managed digital systems for psychotherapy operations and patient management.
- Built and maintained web-based platforms using Supabase, Vercel, and Railway.
- Designed workflows for patient onboarding, treatment tracking, and staff coordination.
- Implemented ClickUp workflow solutions and conducted staff training to improve operational efficiency.
- Performed system testing, troubleshooting, and operational support to ensure smooth system performance.

Industrial Training Software Developer **Sept 2025 - Dec 2025**

KOLEJ UNIVERSITY ISLAM ANTARABANGSA SULTAN ISMAIL PETRA

- Developed and enhanced web-based systems using PHP, MySQL, HTML, CSS, and JavaScript.
- Assisted in debugging, system testing, and fixing data display issues in student and admin portals.
- Implemented database queries and ensured accurate data retrieval using SQL.
- Collaborated with IT officers to troubleshoot system issues and improve functionality.
- Prepared system documentation, basic user guides, and reports.

PROJECTS AND TASKS

Career Recommendation System Using Contextual Alignment & **March 2025 - July 2025**

Linguistic Intelligence

- Designed and implemented a text classification pipeline using BERT and cosine similarity to match resumes with relevant job postings.
- Built and deployed a Flask-based backend integrated with job-matching algorithms, generating match percentages and skill-gap insights.

UiTM - Web Based Student Activity Management System **March 2025 - July 2025**

- Developed a role-based, responsive web portal using JSP, Java Servlets, and MySQL for managing events, bookings, and student activities.
- Created custom dashboards for different roles (Admin, Staff, Student, Organization) to streamline navigation and task management.

Airline Dashboard Analysis

April 2025

- Designed and deployed an interactive Power BI dashboard by cleaning and transforming Airline dataset, resolving data inconsistencies (mixed duration formats, multi-value fields), and visualizing trends.

Madrasah Tarbiyyah Islamiyyah Darul Hijrah - Web Based Donation System

May 2024 - July 2024

- Designed and developed a secure web application to manage online donations and donor records for a religious organization.
- Implemented donation tracking, automated receipts, and donor history reporting using PHP and MySQL.
- Applied input validation and basic encryption for sensitive donor data.

WORM - Web Based Book Rental System

March 2024 - June 2024

- Developed a web based system for managing book rentals, allowing users to browse, reserve, and manage book borrowing efficiently.
- Implemented user authentication, real-time availability tracking, and rental history features to improve user experience.
- Streamlined rental operations, reducing manual tracking errors and improving service turnaround time.

Database Management System for DS Sport Centre

October 2022 - June 2023

- Designed and implemented a comprehensive relational database system to manage inventory, customer records, and transactions for a sports equipment center.
- Utilized Microsoft Access in Semester 1 for initial system development, focusing on form design, queries, and report generation.
- Upgraded to Oracle in Semester 2 to enhance scalability and performance, applying advanced SQL for inventory tracking, sales reporting, and customer relationship management.
- Improved data accessibility and reliability, enabling more effective operational decision-making and streamlined inventory control.

PARTICIPATIONS AND CERTIFICATIONS

Borneo Innovation Festival 2025 (BIF'25)	Aug 2025
1st World Innovation in STEM Competition 2025 (WINSTEM2025)	Aug 2025
ISPARK INTERNATIONAL PITCHING COMPETITION (IIPC) 2025	Aug 2025
Computer and Mathematical Sciences Project Exhibition (COMMAX)	Aug 2025
The Marvels of AI Journey	May 2025 - Jun 2025
Flutter Workshop	Nov 2024
Career Guide For Undergraduates	Oct 2024
Ispark International Pitching Competition	Aug 2024
International Student Invention Innovation Development Exhibition Competition (i-SIIDEC)	Aug 2024

HONORS AND AWARDS

Gold Medal for Borneo Innovation Festival 2025 (BIF'25)	Aug 2025
Gold Medal for 1st World Innovation in STEM Competition 2025 (WINSTEM2025)	Aug 2025
Best Project of Final Year Project (COMMAX)	Aug 2025

ADDITIONAL INFORMATION

- **Programming Language:** Python, C++, Java, PHP, Node.js
- **Web Development:** HTML, CSS, JavaScript
- **Database Management:** MySQL, MongoDB, Oracle, Supabase
- **Hosting & Deployment:** HPanel, Vercel, Railway
- **Data Analytics:** Power BI, MS Excel
- **Design and Tools:** Canva, Adobe Photoshop, Adobe Animate
- **Machine Learning & Data Mining:** Weka, RapidMiner
- **Languages:** English, Malay