# NUR SYAFIQAH BINTI SHAMSUDIN

Cheras, Kuala Lumpur | +60173098459 | nsyafiqahshamsudin@gmail.com |
https://www.linkedin.com/in/syafiqah-shamsudin-nur

## SUMMARY

I am a third-year Computer Science (Database Management) student at Universiti Teknikal Malaysia Melaka (UTeM), with hands-on experience in SQL, PHP, HTML, Python, and C++. Passionate about data accuracy, efficient database design, and real-world problem-solving. Actively seeking a 3-month internship (6 Oct 2025 – 20 Mar 2026) to apply analytical and technical skills in database development, software systems, and IT environments, while learning from experienced professionals.

## EDUCATION

**UNIVERSITI TEKNIKAL MALAYSIA MELAKA (UTeM)**                    *Oct 2022 – Present*
Bachelor of Computer Science (Database Management) with Honours | CGPA: 3.34 *(Credit)* | MUET: Band 3.5

**KOLEJ MATRIKULASI PERAK (KMPk)**                    *Aug 2020 – May 2020*
Matriculation Program: Science Stream Second Module | CGPA: 3.63

## RELEVANT EXPERIENCE

**EXCEL EXCELLENT D'FTMK-A-THON**                    *2025*
*Participant*
- Applied advanced Excel functions (VLOOKUP, IF statements, data validation) to solve data challenges.
- Developed dynamic dashboards using pivot tables and charts, enhancing data interpretation and reporting skills.

**STUDENT MOBILITY PRAGRAMME (OUTBOUND)**                    *Sept 2023 – Dec 2023*
*Universitas Internasioanl Batam, Indonesia*
- Participated in an international exchange program during Semester 3, engaging in cross-cultural academic learning and collaboration in ICT-related subjects.

**SERVICE LEARNING MALAYSIA – UNIVERSITY FOR SOCIETY (SULAM)**                    *2022*
Facilitator
- Facilitated math-based STEM activities under subject *Linear Algebra and Discrete Mathematics* to enhance ICT students' math understanding and secondary students' interest in STEM.
- Designed and delivered content aligned with academic concepts using student-friendly tools and interactive methods.

## PROJECT

**FINAL YEAR PROJECT: LET'S BAKE: BAKERY SUPPLY AND INGREDIENTS MANAGEMENT SYSTEM**
- Developed a system-based web application using HTML, PHP, Python, CSS, and Bootstrap for front-end and back-end functionality.
- Utilized MySQL for designing and managing the project's database schema.
- Integrated OCR technology to automate receipt scanning and stock updates.
- Improved inventory control and supplier order processes with real-time stock level monitoring.

**WORKSHOP II: FTMK FOODSHARE SYSTEM**
- Collaborated with a 4-member team to develop a system with four modules: Volunteer, Sponsorship, Inventory, and Budget.
- Aimed to optimize food distribution, manage donations transparently, and coordinate volunteer activities.
- Utilized MySQL, PostgreSQL, MariaDB with DBeaver, and developed using HTML, PHP, CSS on Windows and Linux via ZeroTier VPN.

## SKILLS & ABILITIES

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|---|---|
| **Hard Skills** | : PHP, HTML, CSS, JavaScript, MySQL, SQL, Python, C++, ER Diagram, Schema Design, Normalization Principles, Jupyter Notebook, Oracle Enterprise Manager, Oracle Apex, Figma, MATLAB, Debian, Java, Microsoft Excel, Microsoft Word, Microsoft Powerpoint. |
| **Soft Skills** | : Leadership, Strategic Communication, Project Coordination, Adaptability. |
| **Languages** | : Malay, English |

## AWARDS & HONORS

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|---|---|
| **2025** | Winner, Poster Category, Workshop II Innovation Competition |
| **2024** | Dean List, Semester 3 |

## CERTIFICATIONS

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|---|---|
| **May 2025** | Excel Excellent D'FTMK-A-THON |
| **January 2025** | The Workshop II Innovation Competition |
| **October 2024** | GIS Basics, Exploring GIS Maps |
| **December 2022** | MATLAB Onramp |