

Yasmina Binti Hanafiah

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ABOUT ME

Software engineering graduate with hands-on experience in building desktop and web applications, integrating AI features using NLP, and producing technical documentation. Proficient in Python, C++, PHP, JavaScript, and SQL, with knowledge of tools like PySide6, Selenium, and spaCy. Focused on developing functional, well-structured software with an emphasis on usability, testing, and real-world problem solving.

EDUCATION

MULTIMEDIA UNIVERSITY (MMU)

Foundation in Computer Science [2020 – 2021] 3.35 CGPA

MULTIMEDIA UNIVERSITY (MMU)

Bachelor of Computer Science Hons. , Software Engineering [2022 – Dec 2025] 3.02 CGPA

- Software Requirements Engineering/Design/Reliability/Quality Assurance
 - Web Application Development
 - Cybersecurity Fundamentals
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EXPERIENCE

IT Department Intern
2025]

[July 2025 – October

Rovski Sdn Bhd
Selangor

Subang Jaya,

- Planned, designed, and developed an internal IT inventory collection system for exiting employees using integrated Microsoft 365 tools (Microsoft Lists, Power Apps, SharePoint, Power Automate).
- Planned and designed an AI-based Digital Assistant to assist with common IT issues using integrated Microsoft 365 tools and Copilot Studio.
- Designed the layout and structure of the company intranet.
- Created and standardized IT department documentation templates
- Assisted with day-to-day IT support, including troubleshooting printers, network connectivity, and Microsoft 365-related issues.

PROJECTS

REQUIREMENT CONFLICT DETECTION (AI)

[\[LINK\]](#)

- Desktop application for writing client's need for softwares.
- Uses NLP to automatically detect conflicts (redundancy, contradiction, ambiguity) between written requirements.
- Built with PySide6 and spaCy for offline use.

CODING LANGUAGE USING C++

[\[LINK\]](#)

- Built a basic interpreter in C++ for a custom scripting language.
- Supports variable declarations, math expressions, and data structures
- Designed to explore the fundamentals of language parsing..

WEB DESIGN FOR CATS

[\[LINK\]](#)

- Designed a responsive website interface focused on cat-themed content and engaging user experience.
- Emphasizes visual hierarchy, color balance, and playful UI interactions for a unique, thematic concept.

AUTOMATED TESTING

- Implemented automated UI tests for an open-source web application using Selenium WebDriver.
- Tested user flows, form inputs, and interface behavior to ensure functional stability and consistency.

TECHNICAL SKILLS

- **SUPPORT** : End-user support + troubleshooting + software installation
- **LANGUAGE** : CSS + HTML + PHP + SQL + Python + Java + Javascript + C++
- **FRAMEWORK**: PySide6 (Desktop GUI) + Spacy (NLP)
- **DATABASE** : DBeaver + phpMyAdmin
- **PROTOTYPING/DESIGN** : Figma + Krita
- **TOOLS** : Visual Studio Code (VSC) + Xampp + Microsoft 365 + Microsoft Teams + Selenium + GitHub

LANGUAGES

- English + Malay

PERSONAL TRAITS

- Attention to detail, Problem-Solving, Critical Thinking, Responsible, Adaptability, and Creative Thinking.

SOFTWARE DOCUMENTATION WRITING

Wrote technical documents for software development and testing processes, including:

- **SOFTWARE REQUIREMENTS** : Software Requirements Specification (SRS) + Use Case Diagrams + System Architecture + Traceability matrix + Sequence Diagram + Activity Diagram + Class Diagram
- **SOFTWARE TESTING** : Test Plan + Test Design + Test Log + Incident report + Test Summary

OTHER EXPERIENCE

HR COMMITTEE - NAKAYO CLUB (Cycling Club)

- Oversee club members well being and planned for first aid class activities
- Assisted in virtual cycling competition, including managing match hierarchy, handling ToS agreements, and monitoring cyclist welfare

LOGISTICS COMMITTEE - JAPANESE SOCIETY CLUB

- Managed venue setup, event layout planning, and decoration for club events
- Ensured smooth execution of physical arrangements and space utilization during activities.