


NUR NABILAH BINTI ARWIN

Management Information Systems (MIS) | Software Developer |

Industrial System Integration

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PROFESSIONAL SUMMARY

Results-driven Management Information Systems (MIS) and Software Development professional with hands-on experience in enterprise systems, industrial machine integration, and digital solution development. Currently attached to the MIS division at Percetakan Keselamatan Nasional (PKN), supporting machine-system integration, operational monitoring systems, and enterprise technology solutions within secure production environments.

Experienced in developing and supporting integrations between industrial machines and internal monitoring systems, including machine communication, reporting automation, and operational data processing. Strong background in software development, troubleshooting, system analysis, and technical documentation with the ability to work effectively in fast-paced technical environments. Passionate about digital transformation, automation, and building efficient real-world technology solutions.

PROFESSIONAL EXPERIENCE

Protegee– Management Information Systems (MIS)

Percetakan Keselamatan Nasional (PKN) | Malaysia

2025 – Present

- Support Management Information Systems operations for enterprise and production-related environments.
- Develop and maintain integrations between internal applications and industrial production machines for operational monitoring and reporting purposes.

- Assist in coding, troubleshooting, and monitoring machine-related systems to ensure operational efficiency and system reliability.
- Support monitoring and reporting workflows integrated with SAGA and production machine systems.
- Collaborate with technical and operational teams to improve workflows, process automation, and operational reporting systems.
- Prepare technical documentation, reports, and support materials for operational and management use.

IT Intern – Delivery Channel Team

Tabung Haji Headquarters – IT Department

Internship Completed

- Assisted in enhancement initiatives related to the THiJARI digital platform and enterprise IT operations.
 - Supported application testing, issue tracking, debugging, and technical documentation activities.
 - Collaborated with developers and IT personnel to improve system reliability and digital user experience.
 - Gained exposure to enterprise-level systems, IT governance, and operational support processes.
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EDUCATION

Bachelor's Degree in Computer Science / Management Information Systems

Universiti Teknologi MARA (UiTM)

TECHNICAL SKILLS - Programming & Development

- Java
- PHP
- JavaScript
- HTML & CSS

Systems & Integration

- Management Information Systems (MIS)
- System Integration
- Machine-to-System Communication
- System Analysis & Troubleshooting
- Technical Documentation

Database & Tools

- MySQL
- Derby (JDBC)
- Android Studio
- NetBeans
- XAMPP

Additional Knowledge

- Software Development Life Cycle (SDLC)
 - Basic NLP & Machine Learning Concepts
 - Digital Transformation & Process Automation
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PROJECTS

SPSC Printing Monitoring & Machine Integration System

Industrial MIS Project – Percetakan Keselamatan Nasional (PKN)

- Contributed to the development and support of a monitoring system integrated with SAGA and production machine operations for secure printing processes.
 - Assisted in connecting machine-generated operational data with internal monitoring and reporting systems to improve tracking accuracy and workflow visibility.
 - Supported machine-to-system communication processes for operational monitoring, reporting, and production-related data management.
 - Participated in troubleshooting, testing, and system enhancement activities to ensure smooth integration between machines and internal applications.
 - Collaborated with technical and operational teams to improve efficiency, monitoring capabilities, and process automation within production environments.
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CERTIFICATIONS

- IBM Watsonx.ai Technical Essentials — Completed October 2024
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ADDITIONAL INFORMATION

- Strong analytical thinking and problem-solving skills
- Strong communication and cross-functional collaboration skills
- Fast learner with adaptability to new technologies and systems
- Passionate about enterprise systems, automation, and digital transformation
- Available for immediate employment opportunities