

SOFTWARE ENGINEER

**ROHAYA MOHD NOOR**

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**Nationality:** Malaysian

## EXECUTIVE SUMMARY

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- Accomplished Senior Software Engineer with >10 years' experience in designing, developing, testing and maintaining ERP and web-based application; highly proficient overseeing end-to-end delivery of software development lifecycle.
- Led and monitored a team of 4 members, implementing Agile methodologies using Kanban to improve task management, and ensure continuous delivery while adapting to changing priorities.
- Gifted communicator, able to coordinate with internal and external stakeholders, translating complex ideas into actionable outcomes to meet business objectives.
- Well-versed in all stages of software development life cycle, including requirements gathering, design, development, testing and deployment.
- Automated and streamlined the deployment of 8 cloud-based projects using GitLab CI/CD, Docker, and Kubernetes, reducing deployment time by 80%.
- Configured and maintained 10 on-premises Ubuntu server environments for clients, including setting up Apache, PHP, and MySQL DB.

## KEY SKILLS

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- **Web Design & Development** • ERP Solutioning • **SIT & UAT**
- Problem-solving skills • **Leadership & Teamwork** • Agile methodology
- **Project Management** • Problem Solving & Debugging

## PROFESSIONAL EXPERIENCE

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### UNIT TEAM LEADER

Sep 2017 – Present

#### Allied Protocol Sdn Bhd

- Served as Unit Team Leader, overseeing two teams: one focused on POS development and the other on ERP systems. Managed team coordination, project execution, and ensured successful delivery of both systems.
- Built the front-end for an e-Invoice system to integrate with Malaysia's LHDN platform, allowing buyers to submit POS receipts as invoices. Used React.js, Docker, and Kubernetes for development and deployment.
- Integrated back-end systems with third-party RESTful APIs, enabling seamless communication with Malaysia's LHDN e-Invoice platform, using PHP.
- Led a team to develop a new ERP system from scratch to replace the old design, which was limited to a single client (TMG). Built to support multiple clients with a shared database. Improved features with user account control (UAC) and database architecture, increasing efficiency by 80% compared to the old system.
- Prepared the integration of data transactions from the TMG ERP system into the Autocount accounting system using APIs, reducing manual work and speeding up the process.

- Maintain and enhance the ERP system for TMG, ensuring ongoing improvements, bug fixes, and updates to meet client needs and optimize system performance.
- Maintain and enhance an HR system for TMG that covers HR management, time attendance, and payroll, ensuring compliance with government standards. Automated time attendance and payroll calculations to reduce manual work and improve efficiency.
- Designed and implemented a consolidated database to manage raw data from POS counters, organizing records by outlet, POS counter, and date. Streamlined data storage and reporting processes, covering data for nearly 80 TMG outlets.
- Built a function to integrate biometric attendance data with the HR system, deployed across 100 devices, reducing costs by eliminating the need for third-party software.
- Performed daily database backups and ensured proper storage on the NAS system prepared by client for reliable data recovery.

## **FREELANCE PROGRAMMER**

**Jan 2020 – Dec 2022**

### **Tobiz Network Sdn Bhd**

- Maintain and enhance an HR system using Yii2 framework. Added payroll processing features, including automated calculations for SOCSO, EPF, EIS, and PCB contributions.
- Initiated and developed 40% of an ERP system for the Tobiz client using PHP. The project is currently on hold due to a shift in priorities to other critical initiatives.

## **PHP PROGRAMMER**

**Sep 2012 – Aug 2017**

### **Tunas Manja Sdn Bhd**

- Develop and maintain internal and external websites using HTML and WordPress.
- Developed a ticketing system for internal use, reducing manual work by 70% and streamlining approval processes managed by Heads of Department (HODs).
- Successfully upgraded four existing projects from PHP 5.7 to PHP 7 by removing deprecated features, optimizing performance, and performing comprehensive pre-deployment testing to ensure a smooth transition.
- Improved reporting performance by 80% through optimizing queries and efficiently joining large datasets.
- Redesigned and simplified the receiving process at outlets and stock take procedures using handheld devices, improving speed and efficiency in inventory management, with a web-based system built using PHP.
- Collaborated with the eBanking, Finance, and HR teams to integrate online banking processes and generate bulk files for payment, SOCSO and PCB uploads. This integration reduced errors and significantly decreased processing time by 70% compared to the manual process.

## **FREELANCE PROJECTS**

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- Developed AMS (Audit Management System), an Audit Issue Tracking System for internal use at Co-opbank Pertama, reducing paperwork, minimizing manual work, and providing easy access for audit and compliance managers to efficiently manage and track audit issues and corrective actions.

EDUCATION

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BACHELOR COMPUTER SCIENCE (HONS)

Universiti Institut Teknologi Mara (UiTM) – Dungun – 2012

DIPLOMA COMPUTER SCIENCE

Universiti Institut Teknologi Mara (UiTM) – Dungun – 2009

COURSES & CERTIFICATIONS

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<b>E-Invoicing Online Training</b> Animal Medical Centre Sdn Bhd	06/2024
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<b>ACA Cloud Computing Certification</b> Alibaba Cloud	12/2022
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TECHINCAL SKILLS

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Programming Languages

• PHP • JavaScript • ReactJS

Framework

• Laravel • Yii2

Web Server & Database

• Apache • Nginx • MySQL

Version Control & Collaboration

• GIT • Gitlab • GitHub

Cloud Infrastructure

• Alibaba Cloud

DevOps

• Linux Ubuntu • Shell Scripting • Cron Jobs • CI/CD • Docker • Kubernetes

Others

• Windows OS • Postman • Trello • ClickUp • Mattermost • Adobe Photoshop

MISCELLANEOUS INFO

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**Nationality:** Malaysian

**Languages:** Fluent in Malay, Proficient in English

**Availability:** 2 Month’s Notice