Contact

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(LinkedIn)

Top Skills

Artificial Intelligence (AI)

Postman API

Web Services API

Certifications

Omada Certified Network
Administrator (OCNA) Wireless

Cisco Industrial Networking
Specialist (CINS)

Muhammad Shamizan Kamarudin

IT Professional | System & Data Development | AI, Automation & Digital Transformation

WP. Kuala Lumpur, Federal Territory of Kuala Lumpur, Malaysia

Summary

Experienced IT professional specializing in system development, database management and process automation. Proficient in PHP, C++, Java and VB.NET, with strong SQL skills and experience in SSIS and SSRS for data integration and reporting.

Passionate about digital transformation and AI integration, focusing on building efficient, reliable and data-driven solutions to improve system performance and service delivery.

Experience

Disclose
IT Assistant Officer
December 2020 - Present (4 years 11 months)
Kuala Lumpur, Malaysia

Responsible for developing and enhancing internal computer systems and web-based applications to meet current organizational needs, ensuring system reliability, scalability and alignment with digital transformation initiatives.

• Design, develop and maintain in-house systems and the agency's web portal in line with operational and policy requirements.
• Administer and optimize databases (MySQL / SQL Server) including data extraction, validation, reporting and troubleshooting.
• Implement coding and scripting solutions to automate tasks and improve system efficiency.
• Manage daily ICT operations such as system server maintenance, email management and network troubleshooting.
• Apply best practices in capacity planning, system monitoring and redundancy to ensure consistent service availability.
• Provide system and application training to users at headquarters and state branches to enhance digital competency.

• Prepare system documentation, procedural guidelines and performance reports for ICT governance and audit purposes.
• Collaborate with vendors and service providers to maintain system performance and ensure service-level compliance.
• Support the agency's digital initiatives through continuous learning in AI integration, data analytics and process automation.
• Deliver technical support and solutions to end-users directly or remotely to resolve ICT issues effectively.

Yee Lee Marketing Sdn Bhd
Information Technology Executive
October 2018 - December 2020 (2 years 3 months)
Perak, Malaysia

Responsible to ensure smooth daily operations of server and networking resourcess in Distributor Management System including supervising subordinates, coordinating software implementation policies and procedures, determining IT budget and equipment needs, and ensuring systems security.
• Prepare daily report with different criteria using Microsoft Excel with formulated SQL queries
• Handling Office 365 administration
• Maintain automated processes in SQL Server Reporting Services, SSIS and assist in supporting new software releases
• Managed multiple areas of technology and multiple departments
• Responsible for provisioning, installation/configuration of networking equipment, operation and maintenance of system hardware, software and handle routine inspection
• Managed record and maintain list of inventory of company's hardware, software and license
• Provided 1st and 2nd level support for troubleshooting relate to any software and hardware issues
• Serve as a technical resource and provide functionality guidance to end-users, including dealing with operational problem.

KCSS Wiremesh Sdn Bhd
IT Programmer/Support
June 2018 - October 2018 (5 months)
Perak, Malaysia

Collaborating with business analysts and developers to produce software designs of Warehouse Management System. Formulating program specifications and basic prototypes based on production input and output.

Transforming software designs and specifications into high functioning code in the appropriate language.

• Involves in Project Management and System Design of Warehouse Management System

• Responsible for provisioning, installation/ configuration, operation and maintenance of system hardware, software, network and handle routine inspection

• Manage, record and maintain list of inventory of company's hardware, software and license

• Provide technical support to end-users, including dealing with operational problem.

WMF Solutions Sdn Bhd
Web Developer
November 2017 - April 2018 (6 months)
Malaysia

Responsible for designing, coding and modifying websites, from layout to function and according to client's specification. Strive to create visually appealing sites that feature user-friendly design and clear navigation.

• Expose to HTML/XHTML, CSS, JavaScript

• Dealing server architecture with server-side frameworks

• Managed database system SQL and Oracle

• Determining user needs by analyzing technical requirements

Education

Open University Malaysia
Bachelor's degree, Information Technology · (September 2024 - January 2029)

Ungku Omar Polytechnic
Information Technology - Programming · (2015 - 2018)