Ariff Azman

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Summary

I just use zeros and ones instead of words, because words will let you down.

Experience

Information Technology Engineer

ExxonMobil

Sep 2021 - Present (10 months +)
Contracted From DISYS
◉ Content Management (Powershell & SharePoint REST API)
› Automated 100% of Old & Orphaned Business Contents Cleanup
› Documented flow chart process allowing for easy knowledge transfer

◉ API Development & Migration (Azure APIM & MuleSoft Anypoint)
› Involved in migration from cloud (CloudHub) to on-premise (OpenShift) environment
› Rebuild API with MuleSoft and hosted using Azure APIM with API Proxy for external applications usage
› Documented detailed step of API usage for end users & API owners
› Automated 99% of roles assigning for client applications (Azure AD Authentication)

◉ Azure DevOps CI/CD
› Hands on experience using CI/CD pipelines for API deployment and releases
› Automated 100% of API testing with Postman included inside CI

Infrastructure Engineer

PETRONAS Digital Sdn Bhd
Oct 2018 - Sep 2021 (3 years)
Operations & Infra Support Services (Cloud Computing & Hypervisor)

◉ Hypervisor Operations (Powershell & PowerCLI)
› Automated 100% of Daily Infrastructure Health-Check Process (VMWare vSphere vCenter)
› Automated 95% of Virtual Machines Provisioning and Hardening Process using PowerCLI (Admin controlled Semi-CMP)
› Automated 99% of Disaster Recovery Process for Hypervisor layer including ESXi Hosts, Storage LUNs and Virtual Machines (EMC RPA & SQL Always On)

◉ Project Development (Powershell, .NET, HTML5, VMWare APIs)
› Developed a Semi Internet Protocol Address Management System replacing manual update method from administrator reducing human intervention by 80%.
› Developed custom PowerCLI functions to manage Daily Infrastructure Operations such as deletion, retrieval and amendment to bulk items increasing productivity by 90%.

› Designed a Real-Time Dynamic Dashboard to monitor infrastructure capacity and utilization for all sites increasing efficiency by 70%.
› Developed a Powershell script which utilize RVTools to retrieve and consolidate a master inventory file from all available sites reducing human intervention by 90%.
› Developed a Powershell script which utilize VMWare vSphere API to retrieve and rewrite multipe ESXi hosts' files increasing productivity by 90%, reducing human error by 100% and downtime avoidance by 100%.

◉ Infrastructure Optimizations (Powershell & PowerCLI)
› Consolidated and centralized 95% of Virtual Machine Templates & ISO Images to dedicated repositories accessible from all available sites.
› Optimized Windows OS Virtual Machine Templates' footprint size for all site by 90% to shorten time taken for provisioning by 80%.

◉ Cyber Security (Powershell)
› Developed a powershell script which utilizes REST API to quickly and securely retrieve credentials from CyberArk Privileged Identity Management Vault for domain admins increasing productivity by 80%.

Freelance Programmer
Self Employed
Dec 2017 - Sep 2021 (3 years 10 months)

◉ Various freelance projects for various clients
› Designed and developed showcase HTML5 website (Bootstrap & JavaScript)
› Developed an RFID attendance system for windows application (.NET)
› Developed an inventory application for Android (Ionic Cordova)
› Designed and developed 3 games using 3 game engines (Godot Engine, Unreal Engine, RPGMaker)
› Tutored on basic programming subjects (C,C++)
› FYP consultation service on IT/CS related projects
› Developed a BitLocker Command Line Interface program for USB drive encryption. (Powershell & .NET)

Programmer
Golden Screen Cinemas
Aug 2018 - Oct 2018 (3 months)

◉ EASI Ticketing Sdn. Bhd. (Cinema, F&B Retail Solution, POS System)
› Responsible for cinema ticketing system. (.NET)

Research Assistant
Universiti Tenaga Nasional
Jun 2017 - Nov 2017 (6 months)

◉ Research and Development (ASP.NET MVC)
› Gathered requirements specifications for a new system
› Implemented 40% of the functional and non-functional requirements

› Integrated 50% of the new system with existing systems

IT Trainee
TNB-IT Sdn Bhd
Oct 2016 - Mar 2017 (6 months)

◉ Industrial Training
› Proposed and sucessfully documented a Software Requirement Specification (SRS) of a new attendance system
› Involved with User Acceptance Testing on TNB's Mobile Application providing constructive feedback
› Programmed an AutoHotkey Script to automate simple Data-Entry Process increasing work efficiency by 80%

Education

Royal Military College (Maktab Tentera Diraja)
Malaysian Certificate of Education, Science and Mathematics
2011 - 2012
Alpha Company

Under full scholarship from Malaysian Ministry of Defence

Universiti Tenaga Nasional
Bachelor of Computer Science, Computer Software Engineering
2014 - 2017
› Second Runner Up for Pro-C Programming Competition (2015)
› Participant for Certified Professional Requirements Engineering (2015)
› Secretary for Global Outreach Program to Tokyo (2016)
› Gold Award for ICT Research Competition (2017)
› Dean's List Honor (2014 – 2016)

Under full scholarship from Yayasan Tenaga Nasional

Licenses & Certifications

Basic Military Training - Royal Military College, Malaysia (RMC) - Maktab Tentera DiRaja

ITIL Foundation Level - PeopleCert

Microsoft Certified: Azure Fundamentals - Microsoft

Skills

Microsoft Azure • Amazon Web Services (AWS) • Git • Automation • Shell Scripting • Object-Oriented Programming (OOP) • Software Quality Assurance • Software Testing • Software Project Management • SQL

Honors & Awards

Performance Appraisal Exceeded Expectation
Jan 2019
First runner up out of 6-point scale appraisal rating.

Performance Appraisal Exceeded Expectation
Jan 2020
First runner up out of 6-point scale appraisal rating.