Muhammad Azhar

Blk 541 Choa chu kang St 52 | (+65) 87515870 |
#03-50, Singapore 680541
https://sfermals.com
https://github.com/Sfermals
https://www.linkedin.com/in/muhammad-azhar-abdul-shukor/

Passionate tech enthusiast with extensive hands-on experience across IT tools and technologies. Dedicated DevOps professional driven by a desire to build, optimize, and secure cloud-native systems. Committed to immersing deeper into DevOps and DevSecOps culture and technologies. Compelled by an unrelenting urge to tinker, solve problems, and grow through continuous learning and practical experience.

Certifications

HashiCorp	HashiCorp Certified: Terraform Associate
AWS	AWS Certified Cloud Practitioner
AWS	AWS Certified Solutions Architect – Associate
AWS	AWS Certified Developer– Associate
WILEY	WILEY Certified Data Analyst

Hands-on Skills:

- Programming/ Scripting Languages:
C++ - Python – Shell – Batch – Java **–** HTML – CSS – JavaScript **-** PHP
- OS and Administration: Linux – Unix – Windows
- Virtualization and Containers: Oracle Virtualbox **-** Docker
- CI/CD: Jenkins – Gitlab – CloudBees
- Cloud platform: AWS – Azure
- Infrastructure Provisioning: Terraform - Vagrant
- Configuration Management: Ansible

Professional Experience

WEBSPARKS PTE LTD

DevOps Engineer   Mar 2023 - Present

Infrastructure and DevOps Management:

- o Configure and maintain AWS Elastic Container Service (ECS) for website hosting.
- o Perform optimizations and maintenance tasks for smooth website operations.
- o Involve in Azure Devops pipeline deployment to AWS Resources.
- o Collaborate with teams to address infrastructure issues and ensure scalability and availability.
- o Set up CloudFront as a CDN to improve website performance and latency.

- o Monitor and report on AWS service costs and provide recommendations for cost optimization
- o Collaborate with teams to address infrastructure-related issues and ensure smooth operations

Website Development Infrastructure Setup:

- o Set up Windows Server instances on Azure and establish SQL databases for website development.
- o Configure SMTP server with AWS SES for email functionality and integrate Cloudflare CDN for improved performance.
- o Windows server administration and maintenance.
- o Provide guidance and documentation for developers on infrastructure utilization.

Pipeline Migration to GitLab:

- o Migrate and configure CI/CD pipelines from Bitbucket and Bamboo to GitLab.
- o Integrate necessary tools and services for pipeline functionality.
- o Collaborate with developers to understand requirements and provide guidance on utilizing the infrastructure effectively.

Involvement in Internal Infrastructure Issues:

- o Promptly identify and resolve internal infrastructure issues.
- o Conduct root cause analysis and propose preventive measures for improved infrastructure efficiency.
- o Stay updated with industry best practices and provide technical guidance and support.

OPTIMUM SOLUTIONS PTE LTD
DevOps Engineer   Feb 2022 – Feb 2023

Current/Recent Project: Monetary Authority of Singapore (MAS)

- Hire-Train-Deploy Program. Deployed to Optimum Solutions after training

- Configure/Setup CI Pipeline for applications and its components with Jenkins for App build, publish, unit tests and integrations with Sonar Scan, Nexus Repository, Nexus IQ as per requirements.
- Configure CD Pipelines in Cloudbees CD as well as Server mapping for DEV, UAT and PROD environments as per requirements.
- Setup of deployment/task automation scripts for app configurations and settings.
- Maintain configuration management codebase with BitBucket
- Collaborate with other members of the company to ensure seamless integration of the applications with IT systems
- Collaborate in troubleshooting of issues in pipeline/changes in CI/CD

IBM SINGAPORE @ SENGKANG GENERAL HOSPITAL.
Deskside Support Engineer   Sept 2020 – Dec 2021

- Provide L1 and L2 Support for IT Operations.
- Addressing user tickets regarding hardware, software and networking
- Support and troubleshoot software applications such as: Maxcare, Carestream VUE RIS and PACS, SAP, OTM, SCM and Citrix
- Assist to resolve BSOD issues and reimaging if required
- Test alternative pathways until you resolve an issue
- Collaboration with relevant Support teams with escalations should issue escalations.
- Record technical issues and solutions in logs
- Follow up with clients to ensure their systems are functional
- Report customer feedback and potential product requests
- Assist in ad hoc implementation of security and antivirus applications, manual update pushdowns and patches
- Microsoft Active Directory Domain Services (AD DS)
- Secure Doc (encryption software)
- ClearPass OnGuard - Aruba Networks
- Symantec Endpoint Protection
- Traps - Advanced Endpoint Protection

Tools: MS Active Directory Domain Services, BigFix, Ms Intune Endpoint Management, IBM Control Desk (ICD), MS Office including Outlook.

YAYASAN MENDAKI
Financial Subsidy Executive Assistant (Contract)   Feb 2020 – Sept 2020

- Subsidy application processing
- Verifying family's per capita income
- Generate pending, approval and reject letters
- Reply and manage emails from general queries to appeal higher subsidy or loans
- Attend appeals, verify it in accordance with the criteria and escalate for management's review

AMBUZZ TRADING PTE. LTD
Admin and Customer relations   Oct 2018 – Feb 2019

- Develop and maintain systematic flow of orders, deliveries, tasks and database.
- Attend to customers queries on products and services.

- Build relationships and maintain close contact with customers.
- Other business administrative duties (e.g: Data entry and follow up)
- Source and secure booths at venues and events for offline booth/sales

Education

SINGAPORE POLYTECHNIC
Diploma in Engineering (Computer Network & Systems)   Oct 2021 – Oct 2024

Completed Modules:

S1: Network Fundamentals
     Digital Principles
     Structured Programming   - C++

S2: CCNA Modules:

     LAN Switching & Wireless   - LAN/WLAN Port Security/STP/Etherchannel
     Computer Networking   - Routing & Security Protocols/OSPF/EIGRP/HTTPS/SSH/FTP/DNS/(TCP/IP)/OSI
     WAN   - ISP/DHCP/ACLs/NAT/Port Forwarding

S3: Computer Applications
     Microcontroller Applications - C
     Object Oriented Programming - java
     Computer Interfacing - C

S4: Info-comm Services
     Client-Server Applications Development – HTML – CSS – Javascript - PHP
     Cloud Computing Services - AWS
     Server Management – VMWARE

S5: Internet of Things (IoT) Technologies
     IoT System Design
     Data Analytics – Tibco Spotfire – R
     Mobile Applications Development – Java – Android Studio

LITHAN ACADEMY
Advanced Certificate in IT Services (Infrastructure)   June 2020 – Jan 2021

Statement of Attainment by SSG:
- Network Configuration
- Security Administration
- Infrastructure Deployment
- Problem Management
- Infrastructure Support
- System Integration

THE AMERICAN UNIVERSITY IN CAIRO
Professional Diploma in Legal and UN Translation & Interpretation   Oct 2016 – Oct 2017

(Arabic-English/English-Arabic)

AL-AZHAR UNIVERSITY
B.A Degree (License) in Islamic Theology   Oct 2011 – Jan 2016

MADRASAH AL-JUNIED AL-ISLAMIAH
Diploma (Islamic Studies) / Madrasah Al-Junied Al-Islamiah   Jan 2000 – Dec 2010