Ariff Azman

Software Engineer

Solves problems once and for all.

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WORK EXPERIENCE

DevOps Lead
Ammobox Studios Sdn. Bhd.

09/2022 - Present

- Created TeamCity CI/CD pipelines covering 100% of building, packaging and deployment processes of games development.
- Migrated 100% of manual API deployment method with automated CI/CD for consistent development iteration.
- Developed secure & modular backend services for multiple platform solutions like Azure PlayFab & AWS GameLift.
- Provisioned Windows & Linux VMs as build agents with standardized environment requirements through Ansible.
- Developed tools for managing AWS cloud resources with custom bulk functionalities to reduce manual operational tasks.

IT Engineer
ExxonMobil KL Business Support Center

09/2021 - 06/2022   *Kuala Lumpur*

- Automated 100% cleanup of orphaned business contents for deletion of critical files involved in Business Continuity Plan.
- Migrated 100% of API from cloud for platform retirement saving cost with 90% of work documentation for handover prepared.
- Experienced in Azure DevOps CI/CD Pipelines improving efficiency on work for API configuration, build, release and test by 100%.

Infrastructure Automation Engineer
Petronas Digital Sdn. Bhd.

10/2018 - 09/2021   *Kuala Lumpur*

- Automated 90% overall on-premise hypervisor tasks including infrastructure health check, resource provisioning and disaster recovery process, reducing completing time by 97%.
- Developed quality of life tools increasing operational efficiency & productivity by 80%, reducing human errors & downtime.
- Optimized and consolidated operational data footprints to enable faster delivery of new compute on demand request by 83%.

EDUCATION

BCS. Software Engineering (CGPA: 3.63)
Universiti Tenaga Nasional ⧉

01/2014 - 09/2017   *Putrajaya*

- Requirement Engineering & System Design.
- Software Project Management.
- Data Structures & Object Oriented Programming.
- Software Quality & Software Testing.

SKILLS

Automation   Backend APIs   Infrastructure
CI/CD   Documentation   Containers

PERSONAL PROJECTS

Co-Author for a publication paper of International Journal of Mobile Human Computer Interaction ⧉
- Article - **Simple Screen Locking Method Using Randomly Generated Number Grid on Image**.
- Based on final year's project **Secure Yet Simple Lock Screen** which studies the smartphone's lock screen flaws with a an alternative foolproof method developed for android as POC.

Developed Progressive Web Application ⧉
- For recording of Masjid funds & transactions in accordance from Majlis Agama Islam Melaka (MAIM).
- Open source & non profit voluntary work.

Developed CRUD RESTful JSON API ⧉
- Open source for learning containerization of python API with complete Postman (API platform) documentation for usage.

Developed Multiple PC Games Modifications ⧉
- Open source and modular designed with community feedback
- Includes triple A title like Fallout 4, Red Dead Redemption 2, The Witcher 3 & Cyberpunk 2077

ACHIEVEMENTS & CERTIFICATES

Dean's List Honor (2014 - 2016)

ITIL Foundational Level (2020)

Microsoft Certified: Azure Fundamentals (2021)

LANGUAGES

English
Full Professional Proficiency

Bahasa Malaysia
Native or Bilingual Proficiency

INTERESTS

Video Gaming   Reverse Engineering
Automating   Self-Hosting