

# Ariff Azman

## Software Engineer

Solves problems once and for all.

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## WORK EXPERIENCE

### Senior Backend & DevOps Engineer Ammobox Studios Sdn. Bhd.

09/2022 - Present

- Created customizable CI/CD pipelines covering 100% of building, packaging and deployment processes of Unreal Engine games pro-actively mitigate human errors and increase team efficiency.
- Migrated 100% of manual API deployment method with automated CI/CD for consistent development iteration.
- Developed secure and modular backend functionalities of multiple games with multiple platform solutions like Azure PlayFab & AWS GameLift.

Contact: Jeremy Choo - 60164146405

### IT Engineer ExxonMobil KL Business Support Center

09/2021 - 06/2022

Kuala Lumpur

- Automated 100% cleanup of orphaned business contents mitigating human intervention 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%.

Contact: Ee Chian, Toh - 60122002360

### 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 decreasing time for completion 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%.

Contact: Hilmi Harun - 60122970131

## 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

Cyber Security

## 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 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

PC Building

Video Gaming

Reverse Engineering

Automating