

# Ariff Azman

+60124414248 | ariff.azman@proton.me | Selangor, Malaysia

---

## Experience

---

### Ammobox Studios | Remote, Malaysia

#### DevOps Lead | 09/2023 - Present

- Led cloud service adoption with AWS using Infrastructure as Code (IaC) with Terraform managing multiple projects infrastructure and backend services.
- Designed and implemented TeamCity CI/CD pipelines, automating 100% of the build, packaging, and deployment processes for game development.
- Steered manual API deployment to full automated CI/CD pipeline, ensuring consistent and efficient development iterations cutting deployment and testing time by 80%.
- Engineered a cloud-based Unreal Pixel Streaming infrastructure, optimizing deployments for high-performance graphical application streaming.
- Developed custom automation scripts with Powershell (Windows) & Bash (Linux) for system processes, application configurations, and service management, improving efficiency and reducing operational overhead.

### Seedworld | Remote, Malaysia

#### Independent DevOps Contractor | 03/2023 - 02/2025

- Automated 99% of cloud infrastructure setup and deployment from scratch using Terragrunt and Terraform, ensuring repeatability and scalability.
- Integrated HashiCorp Vault as a centralized credential store, reducing human intervention and security risks by 80%.
- Developed a reusable, agnostic CI/CD pipeline for a multiplayer Unreal Engine 5 project with flexible version control system (Perforce, SVN, git) enabling seamless Epic Games Store integration and AWS GameLift dedicated servers, reducing the development lifecycle by 80%.
- Implemented AWS security best practices by designing and managing IAM roles and policies, ensuring compliance in a fully cloud-based organization.

### ExxonMobil | Kuala Lumpur, Malaysia

#### Automation Engineer | 09/2021 - 06/2022

- Automated 100% of housekeeping solution for orphaned business content, ensuring secure deletion of critical files in alignment with the Business Continuity Plan.
- Steered the full migration of APIs from the cloud for platform retirement, reducing costs and preparing 90% of the documentation for seamless handover.
- Designed and maintained Azure DevOps CI/CD pipelines, optimizing API configuration, build, release, and testing processes, doubling deployment speed and reducing manual effort to zero.

### Petronas | Kuala Lumpur, Malaysia

#### Infrastructure Engineer | 09/2018 - 09/2021

- Automated 90% of on-premise hypervisor tasks, including infrastructure health checks, resource provisioning, and disaster recovery, reducing recovery process execution time by 50%.
- Developed efficiency-enhancing tools that improved operational productivity by 80%, minimizing human errors and downtime.
- Optimized and consolidated operational data footprints, accelerating on-demand compute provisioning by 85%.

## Skills

---

Infrastructure as Code, CI/CD Pipeline Development, API Management, Game DevOps CI/CD, On-Prem Virtualization, Amazon Web Services, Microsoft Azure, Automation

## Education

---

### Universiti Tenaga Nasional | Putrajaya, Malaysia

#### Software Engineering | 11/2017

- **Co-Author** – Published research in *International Journal of Mobile Human-Computer Interaction*.
- **Dean's List Honor** – Recognized for academic excellence in Computer Science (Software Engineering Major).