Ariff Azman

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Summary

Experienced DevOps Lead with a proven track record across Energy, Oil & Gas, FinTech, Crypto, and Gaming industries.

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.
- Designed and developed a cross-platform application for internal use to streamline operational tasks across multiple AWS cloud profiles, reducing execution time and mitigating human error.

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, increasing speed of development 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