Anthony Waye

Senior DevOps/Platform Engineer specializing in delivering platforms to run Enterprise scale applications in cloud native environments.

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🔗 https://portfolio.theonlyway.com/

Skills

Golang
■ ■ ■ □ □

PowerShell
■ ■ ■ □ □

Python
■ ■ ■ □ □

Terraform
■ ■ ■ ■ □

JavaScript
■ ■ ■ ■ □

TypeScript
■ ■ ■ ■ □

React / NextJS
■ ■ ■ □ □

C#
Basic
■ □ □ □ □

Certifications

AWS Certified Solutions Architect – Associate
AWS
2027-12-01

AWS Certified Developer – Associate
AWS
2028-01-01

AWS Certified SysOps Administrator – Associate
AWS
2028-05-01

Languages

English
Native

Experience

Rio Tinto	**2024-04-01 - Present**

Senior DevOps Engineer

As a Senior DevOps Engineer at Rio Tinto, I design, implement, and maintain scalable, reliable infrastructure that supports the company's internal software development and deployment processes. I work closely with development, platform, and operational groups to deliver a stable platform that meets the performance and critical operational requirements of the applications that underpin Rio Tinto's operations

Some tooling used to achieve the above:

- Kubernetes (AKS)
- Azure (Virtual Networks, App services, Cosmos, Azure SQL, Service Bus, AI search, Frontdoor etc)
- Terrform (This includes writing reusable Terraform modules and maintaining an internal registry of those modules so teams across the company can easily consume and standardize their infrastructure components)
- Azure DevOps
- ArgoCD (GitOps)
- Launch Darkly (Feature Flags)
- Grafana & Prometheus

Megaport	**2021-08-01-2024-01-25**

DevOps/Platform Engineering Lead

As a DevOps/Platform Engineering Lead I was implementing and optimizing cloud infrastructure and container orchestration solutions. I was responsible for driving efficiency, scalability, and reliability in complex environments. Leveraging extensive hands-on experience, I have consistently worked with cross-functional teams to deliver high-quality solutions that align with business objectives.

Some tooling used to achieve the above:

- Kubernetes (EKS)
- Gitlab (Administration, configuration and troubleshooting of pipelines)
- AWS (EC2, Lambda, WAF, Load balancing, Autoscaling, IAM including SSO, Cloudformation etc)
- Terraform
- Ansible
- Kibana
- Grafana, Grafana Tempo & Prometheus

MelbourneIT/Arq Group	**2016-07-31 - 2021-08-01**

Team Leader & Senior Systems/Cloud Engineer - DevOps

As a Senior Systems Engineer I was responsible for designing, building, and implementing frameworks that enabled the deployment and management of scalable cloud agnostic solutions using DevOps tooling such as Jenkins, Octopus Deploy, and Terraform in addition to a wide array of cloud native services.

Some specific tasks included:

- Architecting scalable cloud solutions
- Automating configuration of Windows servers using PowerShell DSC
- Infrastructure as code via Terraform for both Azure and AWS (Including the creation of re-usable Terraform modules)
- Management and configuration of services in AWS (EC2, ELB, Route 53, VPC, RDS, ELB, Lambda, API gateways etc)
- Management and configuration of services in Microsoft Azure (Virtual Machines, Load Balancing, App Services, Azure AD etc)
- Creation of Docker images and configuration of cloud native container services such as AWS ECS/Fargate
- CI/CD using Octopus Deploy, Jenkins and cloud native tools (AWS CodeBuild & CodePipeline)
- Installation, configuration and administration of SQL 2012 & 2014, 2017 and 2019 (Including clustering with availability groups)

Queensland Treasury	**2014-07-01 - 2016-08-01**

Senior Systems & Database Administrator

As a Senior Systems Administrator I was a part of projects that included implementing and administering SharePoint 2013 to enable the department to migrate physical and electronic documents in to a modern meta data driven document management system.

Additionally, I was a part of the project team that migrated all the departments physical and virtual machines into a private cloud platform.
Some specific tasks included:

- Installation, configuration and administration of Windows Server 2008 R2 & 2012 R2 (Hyper-V, Active Directory, DHCP, DNS, Group Policy, Terminal Services, WSUS etc)
- Installation, configuration and administration of Microsoft Office SharePoint Server 2013 (Including migrating from SharePoint 2010 to 2013)
- Installation, configuration and administration of Microsoft Exchange Server 2013
- Installation, configuration and administration of ESXi 5.5 hypervisor and virtual machines (Including vCenter)
- Installation, configuration and administration of Microsoft Desktop Optimization Pack (MBAM Bitlocker)
- Creation and configuration of virtual machine in AWS (EC2, ELB, Route 53, VPC)
- Creation and configuration of virtual machines in Microsoft Azure
- Administration of Exchange and Lync Online in Office 365
- Installation, configuration and administration of SQL 2012 & 2014 (Including clustering with availability groups)
- Installation, configuration and administration of SCOM 2012 R2 (Including creating custom management packs)
- Administration and configuration of virtual machines in VMware vCloud Director Automation of server builds using PowerShell DSC (Including the creation of custom resources)

iSeek Communications	**2012-01-09 - 2014-01-04**

Systems/Cloud Engineer

Education

Yeronga Institute of TAFE	**2005-01-01 - 2006-01-01**

SECONDARY EDUCATION: Holland Park State High School	**2000-01-01 - 2004-01-01**

Projects

Recycler
Recycler is a Kubernetes operator
🔗 https://github.com/theonlyway/recycler

A Kubernetes controller that monitors pods CPU utilisation inside a deployment, replicaset, or statefulset and terminates the pod if it exceeds a specified threshold

Training Programs
A training programs tool written in React/Next.js
🔗 https://programs.training

A gym I'm a client of provides clients training programs via Google Sheets. These programs end up getting quite large and have a lot of information in them which doesn't always produce a great user experience. My aim is to make that experience better and faster.

Tools Console
A tools console built on Terraform, ReactJS/TypeScript, AWS Amplify, Python and leveraging cloud native CI/CD tooling
🔗 https://github.com/theonlyway/typescript-react-toolsconsole

AWS based load testing
Locust based distributed load tesitng tool using Terraform, ReactJS, AWS ECS, Python and leveraging cloud native CI/CD tooling
🔗 https://github.com/theonlyway/react-distributedloadtesting

References

James Pereira
Manager

Details on request

Joshua Matthews
Manager - Managed Services

Details on request

Stuart Chapman
Senior Systems Engineer

Details on request