Contact

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www.linkedin.com/in/edmondguo
(LinkedIn)
www.edmonditforever.com
(Personal)
dev-ops-life.blogspot.com (Blog)
github.com/edmondandy (Other)

Top Skills

Python

Pandas (Software)

Microservices

Languages

English

Mandarin

German

Certifications

Microsoft Lync Server 2010,
Configuration (MCTS)

Voxtron Certified Service Engineer
(VCCE)

Oaisys Tracer Technical Certified
Engineer

MCSE: Productivity

Deveops Engineer

Edmond Guo

Experienced IT Professional (MCSE, CKA, CKAD), DevOps
Engineering, Cloud Architect, Azure/AWS/Platform Consultant,
Automation Engineering, Tech Lead, Kubernetes Developer, Tool
Builders
Greater Melbourne Area

Summary

* I am a DevOps Leader with over a decade of experience driving
platform engineering, cloud infrastructure, CI/CD automation, and
enterprise-grade DevOps transformations. Proven track record
of leading cross-functional teams, designing scalable and secure
cloud platforms, and embedding DevOps and SRE best practices.
Passionate about building high-performing teams, reducing time
to market, and championing a culture of continuous improvement,
collaboration, and automation.

* I am customer focused IT Professional and tech lead with extensive
experience in field of cloud architect, solution consulting, software
automations, software Lifecyle, software development/systems,
technical projects, projects management, network design &
implementation.

* I have demonstrated myself to be a strong team player and deliver
exceptional customer service, with acknowledgement by my peers
and customers for my willingness to share skills, knowledge and
proactively assist both my organization and customers in meeting
their requirements.

Core Competencies
* DevOps Leadership & Strategy
* Cloud Architecture
* Kubernetes & Container Orchestration
* Infrastructure as Code (Terraform, ARM, Helm, Bicep)
* CI/CD Pipelines & Automation (Azure DevOps, GitHub, Jenkins)
* SRE, Monitoring & Observability (Prometheus, Grafana, Dynatrace)
* Security, Governance & Compliance (Zero Trust, CIS Benchmarks)
* Stakeholder Engagement & Cross-team Collaboration
* Agile & Scaled Agile Practices

* Technical Mentorship & Team Building

Additional Info
* Strong communication, leadership, and mentoring capabilities
* Passionate about automation, DevSecOps, and cloud-native
technologies

I am a certified Azure/AWS/GCP Solution Consultant and certified
Devops Engineer.

Experience

Endeavour Group
DevOps Lead
October 2022 - Present (2 years 11 months)
Australia

1. Architected Azure & Kubernetes Landing Zone, aligning with best practices
(Azure Well-Architected Framework, CIS Benchmarks, Zero Trust Model).
2. Designed and implemented policy automation across microservices and app
lifecycles—removing manual dependencies and enhancing consistency.
3. Developed reusable Infrastructure as Code (IaC) modules and pipeline
templates, reducing deployment time by 50% and enabling a self-service
model across AKS and Azure Cloud.
4. Collaborated with dev, infra, and security teams to lead application
migrations and establish modern DevOps/SRE practices.
5. Defined roadmaps to re-architect Kubernetes, improving security and
performance. Integrated Calico Cloud using a shift-left approach.
6. Facilitate Communication to ensure effective communication between
development, operations, and other stakeholders to foster collaboration, act
as a bridge between development and operations team, breaking down silos
and promoting a culture of shared responsibility, contributing to organisational
agility.
7. Promote and Implement internal tooling standards to enhance platform
reliability, including helm charts, pipeline templates, terraform modules,
automation scripts to streamline development, automation testing, deployment
and monitoring process.
8. Advocate for and implement automation throughout the software
development lifecycle to enhance efficiency and reduce manual errors.
Promote CI/CD process for automated testing, building and deployment.

10. Established strong observability practices to monitor application health and infrastructure performance.

11. Drive the platform roadmap & strategy for modernising the application and drive the application migration projects across the new Landing Zone.

12. Managed Kubernetes Spark Platform infrastructure/apps integrations with Everyday rewards program.

13. Managed risks to ensure project success. Mentored team members and promoted a culture of knowledge sharing.

PointsBet
Senior DevOps Engineer
July 2019 - October 2022 (3 years 4 months)
Melbourne, Australia

1. Work as a key contributor to develop CI/CD roadmap and implementations of pipeline yaml

templating, TF modularization, e2e automation testing, etc.

2. Promote and drive the adoption of enterprise-wide DevOps cultures (ToT), standards, guidelines

and best practices.

3. Automate and accelerate the release apps into Azure & AKS Envs via PS/ Bash scripts, ARM template, Azure DevOps tooling, TF / TG Infra as codes, CI/CD pipelines, etc.

4. Work as a key contributor to the app development/release processes, technical decision-making process and improve the efficiency of the software build/deployment solutions for Sports & Casino Products.

5. Provide leadership in terms of Infra design and implementation options to the team,

evaluate risks and contribute sound judgement and feedbacks to the potential operational impact, like APIM, network, security, performance, scalable capacity, app exceptions. etc.

6. Provide leadership in terms of starting initiatives and fleshing out Azure DevOps features and

stories for the team to pick up.

7. Work as a key contributor to complete branching, code, script updates, tagging and global

releases on version control tool, ADO Repos, as well as resolving product implementation

issues in enterprise level AKS Envs.

8. Provide solutions to utilize Infrastructure codes, pipelines to orchestrate solutions for AKS

Envs upgrade, Envs migrations from Azure PaaS, Docker Swarms to AKS, AKS
Envs monitoring, etc.
9. Work as a key contributor to keep improving the internal tooling for AKS Envs to power
various workloads run in a more efficient manner (e.g. secrets and configuration updates,
dependency management, etc.) and make the existing tooling (e.g. modularization, loggings, etc.)
to be easier & more efficiently to use for Devs and QAs.
10. Lead and document complex technical process: zero downtime deployment, AU CI/CD workflow,
champion AKS Core components version upgrade, AzureRm provider upgrade, TF/TG upgrade,
auto-patching process, etc.

Telstra Health
Senior DevOps Engineer
November 2018 - July 2019 (9 months)
Melbourne, Australia

1. Assessing TH Cloud Environment and provide recommendations to improve the existing workflows & automations, including cost saving runbooks, storage account auditing runbooks, App service backups, API management service backups, etc.
2. Design & Implement DR solutions for Residential Products, including ARM Template, scripting the
restore process, create Azure DevOps Pipeline for app deployments.
3. Containerize existing IIS .NET applications, including exploring tech options, designing & implementing container solutions and post project documentations.
4. Design & Implement Azure WAF for existing Web applications, Enable Disk Encryption for Prod IaaS VMs, Azure Vnets & network routing reviews and tighten up existing security policy.
5. Implement Azure App Insights for TH app environments, including automate Apdex score cards,
automate the app insights alert rules. Working with the dev team and adding in custom event logs
collections and guide up the team to use app insights on troubleshooting, finding valuable consumers behavior data, etc.

6. Design & Create New app environments via Octopus Deploy and standardize the deployment process, create step templates for implementation team to reuse.

Kloud Solutions
Cloud Consultant
February 2017 - November 2018 (1 year 10 months)
Melbourne, Australia

1. Assessing workloads and technology landscape for customers and provide recommendations and suggestions
2. Deployment solutions on Microsoft Azure cloud across IaaS and PaaS, for customers, partners and internal requirements
3. Provide guidance and leadership in technical decision making
4. Work with CI/CD tools: VSTS, Jenkins, Ansibles, Kubernetes, Terraform, etc, design delivery pipelines for customers' app environment and set up DevOps frameworks for them
5. Design, Implement, Configure, Deploy and troubleshoot Infrastructure technologies (Virtualisation, VPN, MPLS, Cisco R&S, AD, O365, Storage, Backup, etc)
6. Liaise with Cloud provider, other vendors and partners for issue resolution
7. Support for automation of deployment processes: scripting, azure ARM template, azure functions/runbooks, etc
8. Support and participate in projects, upgrades, DR testing, monitoring, security, etc.
9. Support adoption of latest Cloud technologies and promote best practices/frameworks
10. Adhere to security standards and policies, ensuring that data is protected at all times
11. Work as a security engineer supporting large customers' cloud security appliances environment.
12. Build/update employee knowledge base, share with Kloud team
13. Provide feedback on continuous improvement of processes and procedures
14. Utilize Azure backend big data engines and write SQL queries to produce required business reports: KustoQL, OMSQL, PowerBI, etc
15. Work with Azure Active Directory/ B2B / B2C
16. Design, Implement, Configure, Deploy Azure Express Route and create isolated networks for Azure web apps under ASE
17. Manage MS SQL, PostgreSQL, MySQL, Cosmos DB

18. Document the new process/workflow and update knowledge base and share with the team
19. Work with AWS technologies to serve various customers (S3, EC2, ECS, Cloud Watch, Beanstalk, CloudFormation, IAM, Federate Identity, Cloudformation, etc)

Mutual Trust Pty Ltd
Tech Lead - System Engineer
November 2015 - February 2017 (1 year 4 months)
Melbourne, Australia

1. Be a single internal point of escalation for all level 3 issues.
2. Work with the direct managers to resolve outstanding issues.
3. Collaborate with other teams to resolve difficult technical problems and to update or develop new policies and procedures
4. Work with team members to streamline processes for service delivery
5. Configure Disaster Recovery software for local and replicated DR scenarios
6. Troubleshoot issues regarding backup systems and DR systems
7. Plan/implement changes to Active Directory services, ADFS services, O365, hybrid exchange, azure services and troubleshoot issues as needed
8. Configure and migrate services & data to public cloud services (Azure ARM Platform)
9. Review alerts and notifications related to hypervisor events
10. Design and reconfigure virtualization hosts for storage, networking, and performance
11. Implement, manage and maintain virtual machines using virtualization management platforms including VMware, Hyper-V
12. Implement, manage and maintain VoIP platform Skype for business, Polycom infrastructures and SDN traffic monitoring tools
13. Update settings and configuration for SANs as required
14. Reconfigure power and environmental monitors
15. Assess and redesign remote access technologies
16. Create and update firewall and UTM security policies
17. Identify performance issues with IP Transit and resolve via various network troubleshooting methods
18. Remediate internal LAN issues including Layer 2 and Layer 3 problems
19. Reconfigure Enterprise wireless LAN systems and troubleshoot security and performance issues
20. Reconfigure layer 3 routing issues on routers and UTM devices
21. Work with service providers to resolve performance issues
22. Pass on my knowledge.

F1 IT Group
Senior System Engineer
December 2014 - November 2015 (1 year)
Melbourne

1. Create and maintain comprehensive documentation as it relates to server and network topology, equipment, and configuration(s).
2. Create project plans, design, and implement solutions, Including AD migrations, Exchange migrations, server migrations, etc.
3. Level 2 and Level 3 Support for problems identified with systems and network and act as an escalation for Level 1 and Level 2 Managed Services support technicians.
4. Create, request, and present technical specifications and requirements for purchasing of new servers and networking equipment via quote procedure.
5. Participate in after-hours upgrades, troubleshooting, and/or on-call availability as needed.
6. Standard system administration duties including server install, System/ Application install and patch management, Windows problem determination and resolution, log analysis, etc.
7. Configure, test, and maintain LAN equipment and services, including switches, routers, firewalls and VPN.
8. Identify, diagnose, and resolve network problems including network connectivity, traffic utilization, etc. using available network tools in a timely fashion.
9. Provide Infrastructure services in all areas needed: storage networking, Operating System, network security, directory services, server virtualization using system backup and restore system and network monitoring, application installation and configuration
10. Assist with monthly reports, and recommendations for Managed Services Clients
11. Interface with third party vendors as liaison between client and vendor
12. Utilize superior customer service skills
13. Stay current with system information, changes, and updates

CVT Global
3 years 3 months

Senior System Engineer
July 2014 - December 2014 (6 months)
Melbourne, Australia

1. Defence Force Recruitment QM Project
2. Voip Voxtron Contact Centre Solution Project

3. Nexon Hosted Lync Voice Recorder Project

4. Nexon Hosted Contact Centre Project

5. Victoria University Cisco Call Accounting Project

6. Credit Union SA Cisco UCM Voice Recorder Integration Project

7. TapCorp VIC Cisco UCM Voice Recorder Integration Project

8. JetStar ISDN & Radio Voice Recorder Project

9. Origin Energy VIC Cisco UC Platform Voice Recorder Integration Project

10. BP Espera Lync RG Real time Monitor Project

11. Melbourne Office UC Platform Project (Networking & Proxy Server Set up)

13. Melbourne Office File Server Clustering Project

Network Solution Engineer
October 2011 - June 2014 (2 years 9 months)
Melbourne, Australia

1. Deploy Call Recording and Accounting/Reporting Solutions around a variety of PABXs across Windows Platform (Windows Server 2003, 2008 & 2012 and MS SQL 2005, 2008 & 2012)
2. Deploy Lync Infrastructure Solutions (Lync 2010 & Lync 2013), Lync recording solutions (edged based, mediation based & passive mode)
3. Deploy Voxtron Multimedia Contact Center Solutions (IVR design, Contact Center design, etc) & integration with Lync Solutions
4. Deploy Virtual Machine & Virtual Network based Solutions (VMware & Hyper-V), Azure and System Center 2012.
5. Manage the whole Melbourne Office Servers Infrastructure (Active Directory Domain Controller, Exchange Server, Forefront TMG, Audio Codes Gateway, HP switches, VMware EXSi Host and Hyper-V Host, etc.)
6. Project Management & Product Training
7. Solution Consultancy

Engineers Without Borders Australia
Web Assistant
April 2010 - July 2010 (4 months)

1. Utilising Subversion (SVN) to list individual file details which have been changed to protect servers (UNIX & Windows NT) on security issues while other individuals worked on 1 large file system;
2. Using MySQL to check in & out data from Oracle Database and manage the update of data structure;
3. Creating backups of one particular supporting server in case the web server were to collapse;

4. Providing general IT technical support to fellow colleagues from other departments including Marketing and Arts;

5. Setting up web servers and adding various applications into remote servers with ease;

6. Troubleshooting various networking problems in the system, and gaining commercial experience on different servers (UNIX & Windows Servers);

7. Ensuring accuracy and completeness when dealing with large volume of data;

8. Configuring and controlling remote Web Servers in managing file systems via Putty.

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Education

University of Melbourne
Master, Telecommunications Engineer · (2009 - 2011)