

# Rakhi Ghangas

## Profile

Passionate and results-driven DevOps Engineer with 5 years of experience in designing, implementing, and managing scalable infrastructure solutions. Proficient in automation, CI/CD, cloud computing, and container orchestration, ensuring efficient software delivery and system reliability. Seeking a Senior DevOps Engineer role to leverage expertise in cloud technologies and automation to drive operational excellence.

## Employment History

### DevOps Engineer, Interactive Pty. Ltd., Sydney

JUNE 2023 – PRESENT

- Designed and maintained cloud-based infrastructure on Azure, improving availability and scalability.
- Automated infrastructure provisioning using Terraform and Ansible, reducing manual workload by 70%.
- Developed and optimized CI/CD pipelines with Azure DevOps and GitHub Actions, accelerating deployment cycles.
- Managed Azure Kubernetes Service (AKS) clusters, ensuring high availability and automated scaling of microservices.
- Implemented monitoring and alerting solutions with Azure Monitor and Grafana, reducing incident response time.
- Led DevOps best practices, improving deployment reliability and reducing system downtime.
- Created PowerShell modules to automate routine tasks, improving efficiency and standardization.
- Successfully migrated a monolithic application to a new cloud-based microservices architecture, improving performance and scalability.

### Cloud/DevOps Engineer, WEHI, Melbourne

JANUARY 2020 – JUNE 2023

- Migrated applications to containerized environments using Docker and Azure Kubernetes Service (AKS), enhancing system performance.
- Deployed and managed logging solutions with ELK Stack and Azure Log Analytics, improving system observability and troubleshooting.
- Secured cloud environments using Azure IAM policies, VPC configurations, and automated security audits.
- Integrated Infrastructure as Code (IaC) for streamlined provisioning and version-controlled infrastructure.
- Created reusable PowerShell scripts to automate infrastructure deployments and cloud resource management.
- Led the migration of a legacy application to a new Azure-based infrastructure, improving security and cost efficiency.
- Collaborated with development teams to enhance DevSecOps practices, reducing security vulnerabilities.

## Details

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## Links

[LinkedIn](#)  
[Personal Website](#)  
[Blogs](#)  
[GitHub](#)

## Skills

Cloud Platforms: Azure, AWS, Google Cloud Platform (GCP)

Infrastructure as Code (IaC): Terraform, Azure Resource Manager (ARM) Templates, Ansible

CI/CD Tools: Azure DevOps, Jenkins, GitHub Actions, GitLab CI/CD,

Containerization & Orchestration: Docker, Kubernetes

Monitoring & Logging: Azure Monitor, Prometheus, Grafana

Scripting & Automation: Python, Bash, PowerShell

Version Control & Collaboration: Git, GitHub, Bitbucket, GitLab

Security & Compliance: Azure Security Center, IAM, HashiCorp Vault, Azure Policy

## Cloud Engineer, Stallion Motors, Melbourne

JULY 2018 – JUNE 2019

- Supporting the deployment of Azure services eg- VMs, Storage accounts, network components.
- Troubleshooting and resolving issues related to Azure services and infrastructure.
- Implementing and managing Azure security measures, such as identity and access management, network security groups, and encryption.
- Monitoring and maintaining Azure infrastructure to ensure optimal performance and availability.
- Documenting Azure infrastructure and processes to ensure knowledge transfer and maintain accuracy.

## Software Developer, D-Sys Data Solutions Pty. Ltd., India

FEBRUARY 2015 – FEBRUARY 2016

- Write, Analyze, review and rewrite programs, using workflow chart and diagram, and applying knowledge of computer capabilities, subject matter and symbolic logic.
- Implemented a microservices architecture that improved system modularity and reduced dependencies between components.
- Correct Errors by making appropriate changes and rechecking program to ensure that desired results are produced.
- Compile and write documentation of program development and subsequent revisions, inserting comments in coded instructions so others can understand program.
- Design and optimize ETL pipelines for efficient data processing and integration.
- Work with SQL and NoSQL databases to manage and query large datasets.

## Education

### Masters in Information Technology, LaTrobe University

JUNE 2017 – JULY 2019

### Bachelors in Information Technology, BPS Women University

JUNE 2011 – JULY 2015

## Certifications

AZ-900 Azure fundamentals Certificate, Microsoft

AZ-104 Azure Administrator, Microsoft

Machine Learning, Stanford University on coursera