

GAURAV GADBAIL

Azure Cloud Automation Engineer

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SUMMARY

Experienced Azure Cloud Engineer with experience working with Kubernetes AKS, Terraform, Azure DevOps, Test Automation, CI/CD with years of expertise in designing and implementing scalable solutions for cloud native architecture. Proven track record in reducing deployment time by 50%, infrastructure costs by 25%, and increasing application performance by 20%. Skilled in CI/CD pipeline, autoscaling, security policies, automation testing in selenium, Jmeter, backup and disaster recovery, monitoring and logging, storage, networking, and infrastructure as code solutions.

* Sponsorship Not Required

EXPERIENCE

Azure Cloud Engineer - Kubernetes - @Shell NL

Deloitte Netherlands

- Designed and implemented a CI/CD pipeline for a Kubernetes-based cloud native architecture, reducing deployment time by 50% and increasing overall system reliability by 30%.
- Developed and maintained a Kubernetes-based autoscaling solution, resulting in a 25% reduction in infrastructure costs and a 15% increase in application performance during peak traffic periods.
- Implemented and maintained security policies for Kubernetes clusters and applications, achieving compliance with industry standards and passing multiple security audits.
- Reduce cost - reduced monthly platform cost by ~90% by leveraging cloud technologies
- Task includes - Setting up System node pool, User node pool, virtual node pools
- Setting up System assigned managed identity, Kubernetes RBAC, AKS managed Azure AD
- Setting up Azure CNI, Load Balancer, integration with ACR, Azure Monitor, Azure Policy
- Setting up production grid cluster with multiple hosting and enabled CI/CD pipelines
- **Stack** - Azure AKS, Docker, and Azure Services

Azure Cloud Engineer - Terraform - @Shell NL

Deloitte Netherlands

- Designed and implemented terraform template for provisioning Virtual network subnet, VM scale sets, Load Balancers, Application Gateway, NAT rules.
- Designed and implemented Azure infrastructure solutions utilizing Terraform including Azure VMs, Virtual Machine Scale Sets, Load Balancers, and Kubernetes, ensuring high availability and scalability.
- Managed and optimized Azure resources, including VMs, Virtual Machine Scale Sets, and Load Balancers, to meet performance and cost objectives.
- Contributed the development of Terraform scripts for automating the provisioning & configuring Azure resources including Kubernetes Cluster.
- Automated deployment processes using Terraform, reducing deployment time by 50% & minimizing human errors.
- Setting up Azure DevOps Build and Release (CI/CD) pipelines for deployment for azure resources on QA, Staging, UAT environment.
- **Stack** - Azure Services, Terraform, AKS, Azure DevOps



SKILLS

Azure Cloud ·
AKS Azure Kubernetes ·
Azure Terraform · Azure DevOps ·
CI/CD · Cloud Architecture ·
Cluster Configuration · Github ·
Azure Repos · Agile Development ·
Bash · Cloud migration · Maven ·
Performance Testing ·
Automation testing Selenium ·
Cucumber BDD · Splunk ·
Confluence · Containers · Docker ·
Junit

CERTIFICATION

- 💎 Microsoft Certified Trainer- 2023
- 💎 Azure DevOps - AZ - 400 - 2021
- 💎 Terraform Associate - 2021
- 💎 SRE Certified - 2022
- 💎 Azure Developer AZ-203
- 💎 Azure Fundamental AZ-900- 2022

ACHIEVEMENTS

- 💎 Automated deployment process
Designed and implemented automated deployment process resulting in 80% reduction in deployment time

EXPERIENCE

Azure Cloud Engineer - DevOps - @Jumbo

Deloitte Netherlands

- Develop and maintain Azure cloud infrastructure, including virtual networks, storage accounts, and virtual machines
 - Design and implement cloud-based solutions using Azure services such as App Services, Functions, and Logic Apps
 - Monitor and troubleshoot cloud-based applications and services
 - Automate cloud-based deployments using Azure DevOps
 - Implement security best practices for cloud-based applications and services
 - Design and implement cost-effective cloud-based solutions
 - Implement and maintain Azure Active Directory
 - Design and implement backup and disaster recovery solutions
 - Develop and maintain Azure automation scripts
 - Monitor and optimize cloud-based resources for performance and cost
 - Participate in the design and implementation of cloud-based solutions for customers
 - Implemented few use cases on Azure Open AI.
- **Stack** - Azure Services storage accounts, and virtual machines, Azure Open AI

Azure DevOps Enginner - @ABN AMRO NL

Cognizant Technology Solutions

- Design, implement, and maintain Azure DevOps pipelines and build processes
 - Develop and maintain Azure DevOps automation scripts
 - Monitor and troubleshoot Azure DevOps pipelines and builds
 - Create and maintain Azure DevOps dashboards
 - Design and implement Azure DevOps security policies
 - Manage Azure DevOps source control repositories
 - Develop and maintain Azure DevOps release processes
 - Develop and maintain Azure DevOps test automation
 - Develop and maintain Azure DevOps deployment automation
 - Implement and maintain Azure DevOps monitoring and alerting
 - Design and implement Azure DevOps CI/CD processes
 - Develop and maintain Azure DevOps infrastructure as code
- **Stack** - Azure DevOps, Azure Boards, Test Automation, Splunk, New relic

Automation Engineer - @ABN AMRO NL

Cognizant Technology Solutions

- Developing selenium maven cucumber framework using BDD concepts. Developing BDD feature files approved by business.
 - Evaluate and choose appropriate automation tools and frameworks based on project requirements.
 - Contribute to test planning, test strategy, and test design & overall test strategy.
 - Collaborate with the DevOps & Test team to understand testing requirements.
 - Implementing Azure DevOps test pipelines by creating automated build & release pipelines.
 - Stay updated on industry trends and advancements in automation tools.
 - Collaborated with cross-functional teams to identify test scenarios, analyze requirements, and ensure comprehensive test coverage.
 - Investigated and resolved test failures, working closely with developers to address underlying issues.
- **Stack** - Azure DevOps, Selenium, BDD, Cucumber, CICD, Automation Test

EDUCATION

Bachelor of Engineering

India