

ANKIT KUSHWAHA

DevOps Engineer | Technical Lead | Cloud & Automation Engineer

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Summary

Experienced DevOps Engineer with 9+ years of experience designing, automating, and managing cloud infrastructure across Azure and AWS. Proficient in Azure Administration (AZ-104), encompassing expertise in managing Azure Virtual Machines, Storage Accounts, Virtual Networks, Network Security Groups, Load Balancers, Azure Monitor, App Services, Azure Functions, Key Vault, Backup and Recovery solutions, as well as identity and access management through Azure Active Directory. Hands-on expertise with CI/CD pipelines using Azure DevOps, GitLab, Jenkins, and Git, along with IaC using Terraform & Ansible. Experienced in containerized environments leveraging Docker and Kubernetes fundamentals. Proven record delivering release engineering and automation solutions for enterprise clients including Microsoft Fabric, improving deployment quality, reliability, and speed. Adept at designing scalable cloud architectures, optimizing operational workflows, and implementing DevOps best practices to drive efficiency and resilience.

Technical Skills and Tools

Azure Cloud & Administration | Azure DevOps | AWS | CI/CD | Terraform | PowerShell | Jenkins | Gitlab | Octopus Deploy | Git | Bitbucket
Docker | Kubernetes | Azure Monitor | IIS | Microsoft Fabric | Infrastructure Automation | VMware | Monitoring | Ansible | Chef | REST-API

Experience

Tavant Technologies

Remote

Technical Architect

04/2026 – Present

- Designed and implemented enterprise-scale cloud architectures on Azure, covering data ingestion, storage, transformation, and consumption layers aligned to business goals.
- Established Infrastructure as Code (IaC) using Terraform, building environment-agnostic, reusable deployment scripts to ensure zero/low manual provisioning and consistency across environments.
- Architected and governed CI/CD pipelines in Azure DevOps (Repos, Pipelines, Boards), enabling automated build, release, and deployment workflows across multiple environments.
- Drove end-to-end DevSecOps practices, integrating code quality checks, monitoring, and security controls into automated pipelines governance.
- Implemented observability and monitoring frameworks using Azure Monitor and Application Insights for proactive issue detection and performance tuning

iLink Digital (Microsoft)

Remote

Technical Lead

07/2024 – 12/2025

- Managed containerized workloads using Docker and Azure Kubernetes Service (AKS), including image creation, container optimization, deployment configuration, and environment-specific releases through CI/CD pipelines.
- Executed and managed Microsoft Fabric CI/CD deployments across lower environments, improving deployment reliability and supporting all development teams in Agile environment.
- Performed day-to-day Kubernetes operations such as managing deployments, services, ingress, scaling, rolling updates, pod troubleshooting, log analysis, and monitoring cluster health to ensure application stability and performance.
- Led a team of 3 professionals, providing technical guidance, mentorship, and performance support to ensure delivery of solutions.
- Developed Power BI dashboards and reports to provide visibility into pipeline performance, deployment metrics, and operational health.
- Designed and maintained Azure DevOps Classic and YAML pipelines, enforcing branch policies, security controls, PR validation, and version governance.
- Reduced deployment failure rate by 30% through enhanced pipeline governance, PR validation, and standardized release processes.

Phreesia India Pvt Ltd / Rayden Interactive

Pune (Remote)

DevOps Engineer

11/2022 – 07/2024

- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability, and performance in HIPPA secure environment.
- Monitored automated build and continuous software integration process to drive build/release failure resolution.
- Implemented automated build and integration pipelines, reducing build failures by 25%.
- Utilized AWS and Terraform in conjunction with Gitlab to develop Infrastructure as Code (IaC) solutions, effectively provisioning infrastructure with enhanced efficiency and scalability.
- Managed On-Premises Data Center operations, efficiently provisioning servers and deploying applications using Jenkins and Octopus Deploy with precision and effectiveness.

- Experienced in utilizing Chef and Jenkins automation tools to streamline deployment processes and enhance system configuration efficiency.
- Proficient in utilizing BitBucket, Bamboo, and other Atlassian tools to facilitate seamless collaboration and streamline development workflows.

Smart Energy Water

Noida (Remote)

Sr. Cloud Engineer

08/2021 - 11/2022

- Established CI/CD pipelines within Azure DevOps to facilitate seamless product deployment across diverse environments including Development, Quality Assurance, User Acceptance Testing, and Production, ensuring smooth and reliable release processes.
- Implemented robust branching policies with stringent security measures and approval processes to effectively manage repositories within Azure DevOps.
- Developed comprehensive Build Pipelines tailored for .Net Framework and ReactJS, facilitating seamless solution building directly from Azure Git Repositories.
- Automated IIS, Scheduler, Certificate, and SFTP monitoring using PowerShell, reducing manual checks by 80%.
- Engineered a solution utilizing Selenium with PowerShell to monitor Portal websites for any potential issues, ensuring optimal performance.
- Designed a Utility tool for comparing various Variable groups within Azure DevOps, enhancing management efficiency.
- Leveraged Terraform for Azure infrastructure provisioning and implemented Server Hardening practices via Ansible to bolster security measures.
- Undertook Azure administration tasks encompassing Application Gateway setup, Web Application Firewall (WAF) configuration, Virtual Network management, Backup implementation, Log Analytics configuration, and Compute resource optimization.
- Implemented PowerShell scripts for SFTP file monitoring, seamlessly deployed via Jenkins for enhanced automation.
- Established monitoring solutions for Scheduler, IIS sites, and Certificate status through PowerShell scripts, ensuring system integrity and security.

Ultimate Kronos Group (UKG)

Noida

Sr Specialist - Infrastructure Automation and Operations

05/2019 - 08/2021

- Managed Kronos Cloud Environment utilizing a diverse set of tools including Citrix, SFTP, and VMware V-Centers, ensuring seamless operation and optimization.
- Automated key operational workflows using PowerShell, saving 20+ hours/week in manual effort.
- Managed large-scale Kronos Cloud environments (Citrix, VMware vCenter, SFTP).
- Built PowerShell GUI tools to improve user experience for administrators.
- Integrated ServiceNow REST APIs to automate ticketing and request workflows.

HCL Technologies

Noida

Senior Analyst

07/2016 - 04/2019

- Spearheaded automation efforts to streamline daily operations, achieving significant time and resource savings by leveraging PowerShell and other scripting languages.
- Automated repetitive operational tasks using CA ITPAM, PowerShell, and Bash scripting.
- Developed automation solutions that reduced daily operational workload by 30%.
- Contributed to infrastructure stability through consistent automation and monitoring improvements.
- Utilized PowerShell and scripting expertise to drive process improvements and standardization, resulting in enhanced workflow management and cost effectiveness.

Certification

- Microsoft Certified: DevOps Engineer Expert (AZ-400) – 2026
- Microsoft Certified: Microsoft Azure Administrator (AZ-104) – 2025
- HashiCorp Certified: Terraform Associate (003) - HashiCorp - 2024
- Certified AWS Certified Cloud Practitioner - AWS - 2024
- Microsoft Certified: AI Fundamentals (AI-900) - Microsoft - 2024
- Microsoft Certified: Azure Fundamentals (AZ-900) - Microsoft - 2022

Education

Uttarakhand Technical University

Dehradun

Bachelor of Technology - Computer Science Engineering - 70%

08/2012 - 05/2016

Rajeev Gandhi Navodaya Vidyalaya (CBSE)

Dehradun

Senior Secondary School - Mathematics - 66%

04/2011 - 03/2012

Rajeev Gandhi Navodaya Vidyalaya (CBSE)

Dehradun

Higher Secondary School - 9.4 CGPA (89.4 %)

04/2009 - 03/2010