

Vijay Yadav

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Dynamic Technical Lead specializing in cloud platform engineering with over 10 years of experience. Expertise in multi-cloud architecture, automation via Terraform, and DevOps practices, leading to a 50% improvement in support query resolution and 30% reduction in manual release efforts. Proven track record of enhancing system reliability through full-stack observability and CI/CD pipeline optimization. Ready to leverage skills to support the innovation and efficiency goals of a forward-thinking tech company.

Work Experience

Technical Lead- Platform Engineer

11/2025 – Present

Coforge • Chicago, USA

- Owned the cloud landing zone, deployment pipelines, and migration strategy for legacy Java services and data workloads transitioning to the cloud.
- Collaborated with architects and developers to standardize environments, introduce Infrastructure as Code (IaC), and streamline release workflows.

Lead Cloud/Platform Engineer

02/2024 – 10/2025

GlobalLogic – A Hitachi Group Company • Toronto->Chicago, Canada->USA

- Spearheaded the architecture and implementation of multi-cloud platform infrastructure across Azure and AWS, enabling secure continuous integration/continuous deployment (CI/CD) automation for data, AI/ML, and microservice workloads.
- Engineered and deployed Azure Databricks environments—automating workspace, cluster, and Unity Catalog creation via Terraform, while integrating Checkov, Azure Policy, and Defender for Cloud for compliance and governance.
- Delivered an internal AI-driven chatbot platform for IT operations, integrating Jira, Confluence, GitHub, and S3 data sources through Amazon Q Business, AWS Bedrock, and Azure AI Foundry, improving support query resolution time by 50%.
- Standardized IaC modules and CI/CD patterns across Azure and AWS platforms, enabling unified delivery pipelines for Databricks, AKS/EKS, and data applications.
- Formulated reusable Terraform modules for AKS, EKS, ADLS, and API Management, ensuring secure networking through VNets, Private Endpoints, and NSGs.
- Optimized full-stack observability and ML pipeline monitoring with Azure Monitor, Prometheus, and Grafana, enhancing system reliability and visibility.

Senior Platform Engineer

01/2021 – 01/2024

Accenture • Toronto, Canada

- Directed Azure and AWS platform design and automation, provisioning networks, compute, and data services through Terraform and GitOps workflows.
- Automated Azure Databricks provisioning (workspaces, clusters, Unity Catalog, secret scopes) using Terraform, enabling secure DataOps workflows and continuous integration of notebooks and libraries.
- Established CI/CD pipelines in Azure DevOps and GitHub Actions with SonarQube, Snyk, and Fortify, reducing manual release effort by 30%.

- Architected secure Azure Databricks platforms—automating workspace, cluster, and Unity Catalog deployment with Terraform, enabling scalable DataOps pipelines.
- Created CI/CD pipelines in Azure DevOps and GitHub Actions, integrating SonarQube, Checkov, and Defender for Cloud for policy enforcement and continuous compliance.
- Engineered VNet and subnet isolation, Private Endpoints, and RBAC policies for Databricks, AKS, and ADF to enforce network segmentation and secure data connectivity.
- Integrated Azure AD, Key Vault, and IAM roles for application identity and credential management, enhancing platform security posture and compliance readiness.
- Managed Kubernetes workloads for both data and application services—configuring ingress, scaling policies, secrets, and monitoring with Datadog, Prometheus, and Grafana.
- Enforced policy-as-code and zero-trust controls using Azure Policy, Key Vault, and Defender for Cloud to ensure data security, compliance, and environmental integrity.

DevOps/Cloud Engineer (DevSecOps)

08/2018 – 12/2020

Capgemini Technology • Toronto, Canada

- Devised and implemented CI/CD pipelines in Jenkins using Groovy and Shell scripting, automating build, test, and deployment workflows for Java, Node.js, React, and Python applications.
- Integrated Fortify, Black Duck, and Snyk into pipelines to enable shift-left security, vulnerability scanning, and license compliance validation.
- Oversaw the migration from Pivotal Cloud Foundry (PCF) to Azure, re-platforming APIs and web applications using Azure Kubernetes Service (AKS) with containerized microservices architecture.
- Formulated infrastructure automation using Terraform and Azure CLI to standardize environment provisioning and configuration management.
- Implemented blue-green deployment strategies for production releases, minimizing downtime and enhancing release reliability.
- Configured Datadog monitoring for performance metrics, log analytics, and alerting across containerized and cloud-native applications.

Build and Release Engineer

03/2014 – 08/2018

Capgemini Technology • Pune, India

- Engineered and implemented end-to-end CI/CD pipelines in Jenkins for multiple Java-based enterprise applications, integrating Maven, SonarQube, and JFrog Artifactory for build, code quality, and artifact management.
- Served as administrator for Jenkins, SonarQube, and Artifactory, managing plugin configurations, upgrades, and user access to ensure continuous integration stability and security.
- Directed the SVN-to-Git migration initiative across multiple codebases; developed migration strategy, automated repository creation, and trained teams on Git workflows and branching standards.
- Developed shell scripts and Jenkins pipelines to automate build, test, and deployment processes, reducing manual effort and improving delivery cycle time.
- Collaborated with development and QA teams to standardize release processes, implement quality gates, and enforce version control best practices.

Education

B.E. - Electronics & Telecommunication Engineering

07/2009 – 08/2013

Pune University • Pune, India

Skills

- Terraform
- Azure
- AWS
- Kubernetes (AKS/EKS)
- Helm
- ArgoCD
- Azure DevOps
- GitHub Actions
- Amazon Q Business
- AWS SageMaker
- AWS Bedrock
- Azure AI Foundry
- Databricks MLflow
- Azure Data Factory (ADF)
- Unity Catalog
- API Management
- GitOps
- Policy-as-Code (Checkov, Azure Policy)
- SonarQube
- Fortify
- Snyk
- Prometheus
- Grafana
- Datadog
- Chatbot for Operations (Jira, Confluence, GitHub, S3 Integration)
- CI/CD
- Jenkins
- Shell scripting
- Python
- Pivotal Cloud Foundry (PCF)
- Collaboration
- Problem Solving

Certificates

HashiCorp Terraform Associate

Microsoft AZ-400 DevOps Expert

Microsoft

AZ-103 Azure Administrator

Microsoft

Azure Data Fundamentals

Microsoft

Azure AI Fundamentals

Microsoft