

Himanshu Tejwani

Senior DevOps Engineer | Cloud Platform Specialist

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Professional Summary

Senior DevOps Engineer and Cloud Platform Specialist with 8+ years of experience designing and managing cloud platforms on AWS and Azure. Skilled in Kubernetes (AKS, EKS, RKE), Terraform, and Jenkins-based CI/CD. Experienced in modernizing legacy applications into cloud-native Kubernetes environments, implementing High Availability, DevSecOps practices, and Hub-and-Spoke networking. Strong focus on cost optimization, performance tuning, cloud security, and production reliability.

Skills

Cloud Platforms: AWS, Azure, Oracle Cloud

Containers/Orchestration: Docker, Kubernetes (EKS, AKS, RKE)

Operating Systems: Ubuntu, Red Hat Linux, Windows Server, CentOS, Oracle Linux

Databases Administration: MySQL, PostgreSQL, Oracle DB, MariaDB, MS SQL Server

CI/CD Tools: Jenkins

Infrastructure as Code & Automation: Terraform, YAML

BPM Platform: Appian

Monitoring & Alerting: Splunk, NewRelic

Web/App Servers: Apache, Nginx, IIS, Tomcat, JBoss

Scripting: Bash, PowerShell, Groovy

Version Control: Git, GitHub, GitLab

Identity Management & Security: IAM, RBAC, Azure AD (Entra ID), Okta, Auth0, PingID, SAP BTP

Methodologies: Agile/Scrum, Cloud Security, Compliance (SOC2, ISO27001)

Professional Experience

Xebia Appcino

Principal Consultant – DevOps & Cloud Platform Lead

Nov 2021 – Present

Jaipur, Rajasthan

- Led end-to-end migration of enterprise Appian platforms from monolithic on-prem architecture to Kubernetes (AKS and RKE), redesigning infrastructure, implementing Helm-based deployments, and defining persistent storage strategy (Azure Disk - RWO, Azure File - RWX) with High Availability.
- Architected production-grade Kubernetes clusters with autoscaling, pod affinity, Istio gateway, RBAC, secrets management, and observability, ensuring zero-downtime deployments and improved platform scalability by 40%.
- Designed and deployed an enterprise Data Engineering platform on Azure using a Hub-and-Spoke network model with secure VNet peering, Azure Databricks, ADLS Gen2, Private Endpoints, Azure Key Vault, and centralized firewall architecture.
- Implemented Infrastructure as Code (Terraform) to provision Azure and AWS environments, reducing manual provisioning effort by 40% and enforcing reusable modular architecture.
- Built and optimized CI/CD pipelines using Jenkins, enabling automated build, test, and deployment workflows, accelerating release cycles by 60%.
- Managed highly available Appian production environments on AWS (7+ EC2 RHEL instances) delivering 99.99% uptime for Fortune 500 clients with upgrade, backup, DR, and lifecycle management.
- Automated OS hardening, encryption, backup strategies, log rotation, and maintenance tasks using Bash and Ansible, reducing operational overhead by 50%.
- Implemented enterprise security controls, including IAM policies, RBAC, SAML 2.0 SSO, Azure AD (Entra ID), and network segmentation to meet compliance standards.
- Led DevOps team initiatives, mentored engineers, and contributed to RFPs, architecture reviews, and cost optimization strategies for enterprise clients.

Coforge DPA

Senior DevOps Engineer

Feb 2021 – Nov 2021

Hyderabad, Telangana

- Managed Appian servers on AWS Linux with automated Shell scripts, reducing manual workload by 30%.
- Engineered high-availability Appian environments with EC2, EFS, and VPC, ensuring 99.99% uptime for critical banking applications.
- Built and optimized Jenkins pipelines for Appian deployments, accelerating delivery by 60%.
- Directed a 4-member DevOps team on an HSBC project, delivering secure and compliant solutions on schedule in an Agile environment.

Appcino Technologies

DevOps Engineer

Jan 2018 – Feb 2021

Jaipur, Rajasthan

- Deployed and maintained Appian BPM environments on Linux & Windows, enabling reliable delivery for government and financial sector clients.
- Designed and optimized AWS infrastructure, improving resilience and reducing cloud costs by 20%.
- Tuned SQL Server databases, improving query performance by 40% and reducing downtime incidents.
- Automated CI/CD pipelines for .NET microservices with Jenkins, cutting deployment time by 60%.
- Implemented Splunk monitoring and alerting for 20+ servers, reducing incident response time by 70%.

Project Highlights Summary

- **PartnerRe - Appian Kubernetes Migration:** Migrated enterprise Appian platform from monolithic architecture to Azure Kubernetes Service (AKS), implemented High Availability, and optimized storage strategy (RWO/RWX).
- **Enterprise Data Engineering Platform – Azure Hub and Spoke:** Architected and deployed enterprise data platform on Azure using Hub-and-Spoke model, Azure Databricks, ADLS Gen2, Private Endpoints, and secure network segmentation for scalable analytics workloads.
- **Ferde - Toll System of Norway:** Built and maintained 100+ Jenkins CI/CD pipelines for .NET microservices, enforced GDPR compliance with PII encryption on multiple layers, and implemented enterprise-grade security controls, reducing deployment time by 60% while ensuring data protection.
- **China BPM (Novartis):** Configured and managed a highly available Appian environment on AWS (7 EC2 RHEL instances) delivering 99.99% uptime, and implemented SAML 2.0-based SSO with Azure AD to secure authentication for 10K+ enterprise users while ensuring seamless upgrades and compliance.
- **Decision Management (7Analytics):** Designed a highly available AWS infrastructure with Auto Scaling & CloudWatch, improving performance and cost-efficiency.
- **NEOM – Regenerative Platform & Call of Contract:** Deployed high-availability Appian environments on OCI, ensuring enterprise-grade uptime, implemented SSO with Azure AD (Entra ID) to strengthen authentication security, and enforced cybersecurity compliance with CISO standards.
- **Social Worker Licensing (Takamol):** Designed HA Appian setup with React and Oracle DB, boosting system reliability and performance.
- **Commercial Banking (HSBC):** Architected a high-availability Appian setup on AWS (EC2, EFS, VPC), improving system resilience and scalability.
- **Disability Assessment Service (Takamol):** Built multiple CI/CD pipelines for Angular apps, accelerating releases by 50%.
- **RCU e-Services (THIQAH):** Containerized React applications with Docker, ensuring portability and consistent multi-environment rollouts.
- **ELFA (INSAITR):** Automated deployments and maintenance jobs on AWS Linux using custom shell scripts.
- **Banking (NBF Bank, UAE):** Secured Appian environments with OS hardening and firewall policies, ensuring compliance with banking regulations.
- **Healthcare (Curvo):** Configured secure SAML 2.0 SSO between Appian and Auth0, streamlining vendor authentication.
- **E-Gov (African Govt):** Automated ArangoDB backups with AWS CLI and S3 lifecycle policies, cutting storage costs by 30%.
- **Taxation (GAZT, Saudi Arabia):** Configured and managed distributed Appian environments on Windows Server, automating backups and routine maintenance with PowerShell scripts to improve reliability and reduce manual effort.

Key Achievements

2017: Finalist, Rajasthan IT Hackathon – Kota

2017: Finalist, Rajasthan IT Hackathon – Udaipur

2018: Participant, Smart India Hackathon

Professional Highlight: Led DevOps automation initiatives across AWS, Azure, and Appian platforms; implemented Kubernetes (EKS/AKS), Terraform, Jenkins, and Ansible to deliver high availability, zero downtime deployments, improved security compliance, and cost optimization.

Education

Rajasthan Technical University

B.Tech. in Computer Science & Engineering

2014 – 2018

Rajasthan, India

CBSE

Senior Secondary

2014

Rajasthan, India

CBSE

Secondary

2012

Rajasthan, India