Himanshu Tejwani

Cloud DevOps Engineer — Platform Architect

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Career Summary

- Cloud DevOps Engineer with 7+ years of experience in designing, implementing, and optimizing cloud-native and hybrid infrastructures.

- Proven expertise in AWS, Azure, and OCI with a strong background in Kubernetes, Docker, and Infrastructure as Code (Terraform, Ansible).

- Extensive experience in CI/CD automation, DevOps pipelines (Jenkins, GitLab CI/CD), and application lifecycle management.

- Domain exposure across Banking, Financial Services, Geoscience, Aviation, Healthcare, Insurance, and Government sectors.

- Skilled in performance optimization, cost reduction, cloud security, and compliance (GDPR, CISO, IAM, Vulnerability Assessments).

- Excellent client-facing, leadership, and collaboration skills with daily stakeholder engagement and Agile/Scrum delivery.

Objective

Cloud and DevOps Engineer seeking to leverage 7+ years of expertise in cloud architecture, automation, and platform engineering to build secure, scalable, and cost-optimized infrastructures. Focused on driving business outcomes by aligning IT strategy with enterprise goals, enabling continuous delivery, and ensuring high availability across mission-critical systems.

Technical Skills

- **Cloud Platforms:** AWS, Azure, Oracle Cloud (OCI)

- **Containerization:** Docker

- **Container Orchestration:** Kubernetes

- **Operating Systems:** Windows Server, Linux (Ubuntu, RHEL, CentOS, Kali Linux, Oracle Linux)

- **CI/CD Tools:** Jenkins

- **Infrastructure as Code (IaC):** Terraform, Ansible

- **Scripting Languages:** Bash/Shell Scripting, PowerShell

- **Application Performance Monitoring:** Splunk, New Relic

- **Databases:** MS SQL Server, MySQL, MariaDB, Oracle DB, PostgreSQL

- **Identity Providers (IdP):** Azure AD (Entra ID), Auth0, OKTA

- **Source Code Management (SCM):** Git, GitHub, GitLab

- **Application and Web Servers:** Tomcat, Apache, Nginx, IIS

- **BPM Platforms:** Appian (17.x to 25.x)

- **Languages Known:** YAML, Groovy

- **IDEs:** Visual Studio Code, Sublime, Cursor, Windsurf

Employment History

- **Xebia Appcino**   Nov 2021 – Present
  Principal Consultant | Cloud DevOps Engineer, Platform Architect   Jaipur, Rajasthan

- **Coforge DPA Pvt Ltd.**   Feb 2021 – Nov 2021
  Sr. Software Engineer — Sr. DevOps Engineer   Jaipur, Rajasthan

- **Appcino Technologies**   Jan 2018 – Jan 2021
  Software Engineer — DevOps Engineer   Jaipur, Rajasthan

Work Experience

Project 1: Toll System (Public Sector, Europe)

Duration: 6 years+
Tools/Technologies: Appian, Jenkins, Docker, Linux, Splunk, Apache, Tomcat, MS SQL Server
Description: Large-scale backend platform supporting Toll Collection operations for 1M+ annual customers, processing terabytes of transactional data with a 3-tier microservices architecture (.NET in Docker, SQL Server backend).
Key Contributions:

- Architected and deployed a multi-environment infrastructure with 5+ servers per environment, ensuring high availability and scalability.

- Provisioned and maintained Appian, Dockerized .NET microservices, and MS SQL Server databases with automated monitoring and backups.

- Implemented GDPR-compliant security controls including encryption of PII and firewall hardening.

- Developed and maintained 100+ CI/CD pipelines in Jenkins, reducing deployment errors and cycle time.

- Established Splunk dashboards and alerts across 20+ servers to proactively monitor system health and performance.

- Automated recurring operations with shell scripting, including secure log archiving and system maintenance tasks.

- Integrated Appian with Active Directory (LDAP) for centralized authentication and access control.

Project 2: Commercial Banking Solution (HSBC Bank, Europe)

Duration: 8 months
Tools/Technologies: Appian, AWS (EC2, VPC, EFS), Jenkins, Docker, Linux, Splunk, Apache, Tomcat
Description: Enterprise banking solution enabling vendor process management, outsourcing contracts, compliance questionnaires, and risk assessments with automated KPI and control checks.
Key Contributions:

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- Managed and optimized Appian servers on AWS Linux, ensuring high performance and uptime for mission-critical banking operations.

- Designed and deployed a High Availability Appian environment on AWS leveraging EC2, EFS, and VPC for resilience.

- Automated server operations and deployments with Bash/Shell scripts, reducing manual workload and errors.

- Built and maintained CI/CD pipelines in Jenkins to streamline Appian deployments and reduce release cycle time.

- Integrated Splunk for application and infrastructure monitoring, improving incident detection and resolution speed.

Project 3: Banking Solution (NBF Bank, UAE Government)

Duration: 4 months
Tools/Technologies: Appian, SQL Server, Linux
Description: Managed critical banking infrastructure and applications for government-backed projects.
Key Contributions:

- Administered Appian environments on Linux ensuring stability and compliance.

- Optimized SQL Server databases with backups, performance tuning, and disaster recovery planning.

- Implemented OS hardening and firewall rules for enhanced security.

- Automated monitoring and log management reducing manual overhead.

Project 4: Decision Management System (7Analytics, Norway)

Duration: 4 years+
Tools/Technologies: Jenkins, Docker, AWS (EC2, S3, EFS, ALB, Auto Scaling, CloudWatch), PostgreSQL
Description: Predictive analytics platform for flood, traffic, and weather risk management.
Key Contributions:

- Architected HA AWS infrastructure with Auto Scaling and monitoring via CloudWatch.

- Implemented CI/CD for Node.js apps with automated ArangoDB backups.

- Dockerized applications and databases for portability and rollback safety.

- Integrated infrastructure workflows into SDLC and enforced security best practices.

Project 5: NEOM - Regenerative Development Platform (Saudi Govt.)

Duration: 1 year+
Tools/Technologies: Oracle Cloud, Appian, MS SQL, Windows Server, Ubuntu, Oracle Linux
Description: Large-scale platform enabling regenerative development for NEOM smart city initiatives.
Key Contributions:

- Led infrastructure architecture ensuring HA and compliance with cybersecurity standards.

- Implemented SAML SSO with Azure AD, enhancing user access security.

- Collaborated cross-functionally with NEOM IT teams and stakeholders.

- Developed detailed documentation and conducted periodic security reviews.

Project 6: NEOM - Call of Contract (Saudi Govt.)

Duration: 6 months+
Tools/Technologies: Oracle Cloud, Appian, Oracle DB, RHEL
Description: Automated creation of CoC documents between NEOM and suppliers.
Key Contributions:

- Deployed Appian HA clusters on OCI, ensuring service continuity.

- Established risk assessments, monitoring, and security controls for compliance.

- Enabled SAML SSO via Azure AD and collaborated with NEOM IT teams.

Project 7: Disability Assessment Service (Takamol, Saudi Insurance)

Duration: 2 years+
Tools/Technologies: Appian, Oracle DB, New Relic, Jenkins
Description: Electronic platform for rehabilitation and social orientation services.
Key Contributions:

- Designed HA Appian infrastructure with Angular app on Apache and Oracle DB.

- Optimized Appian performance and leveraged New Relic for proactive monitoring.

- Built CI/CD pipelines for Angular applications, ensuring reliable delivery.

Project 8: China BPM (Novartis, Switzerland)

Duration: 2 years+
Tools/Technologies: Appian, RHEL, MariaDB, AWS CloudWatch
Description: BPM platform supporting enterprise needs with a compliance focus.
Key Contributions:

- Designed HA Appian infra on AWS with compliance adherence.

- Developed custom IdP for SAML 2.0 SSO with WeCom.

- Performed patching, upgrades, and incident response with RCA.

- Implemented monitoring dashboards in CloudWatch.

Project 9: Social Worker Licensing (Takamol, Saudi Insurance)

Duration: 2 years+
Tools/Technologies: Appian, Oracle DB, Jenkins, Linux
Description: Platform enabling licensing and regulatory management for social workers.
Key Contributions:

- Developed HA Appian infra integrated with React apps and Oracle DB.

- Automated CI/CD pipelines for React applications.

- Implemented infra security best practices improving compliance posture.

Project 10: RCU e-Services (THIQAH)

Duration: 1 year+
Tools/Technologies: Appian, React, MS SQL, Docker, Jenkins, Linux
Description: Delivered 100+ digital services supporting heritage, archaeology, and planning.
Key Contributions:

- Containerized React apps and deployed CI/CD pipelines for scalability.

- Enforced security policies and conducted vulnerability assessments.

- Automated infrastructure via Terraform and CloudFormation.

- Documented architecture, policies, and compliance workflows.

Project 11: ELFA (INsaiTR, Norway)

Duration: 3 months
Tools/Technologies: Linux, AWS, ArangoDB
Description: Financial framework managing income and expenses for projects.
Key Contributions:

- Provisioned AWS infrastructure and automated deployments with Shell scripts.

- Enabled ArangoDB setup and backups, ensuring data durability.

Project 12: Healthcare (Curvo, USA)

Duration: 2 months
Tools/Technologies: Appian, SAML 2.0, Auth0, AWS Cognito, OKTA
Description: Vendor management platform for bids/quotes in the healthcare sector.
Key Contributions:

- Integrated Appian with private DB via AWS PrivateLink.

- Configured SAML SSO with Auth0, Cognito, and OKTA.

- Collaborated with compliance teams, ensuring audit readiness.

Project 13: E-Gov (Govt. of Africa)

Duration: 4 months
Tools/Technologies: AWS, ArangoDB, Bash, CloudWatch
Description: Government taxation and citizen information management dashboard.
Key Contributions:

- Designed AWS infra with EC2, VPC, IAM, and S3 policies.

- Automated ArangoDB backups to S3 with lifecycle rules.

- Implemented IAM least privilege access controls.

- Performed system hardening and CloudWatch alerting.

Project 14: Taxation (GAZT, Saudi Arabia)

Duration: 3 months
Tools/Technologies: Appian, Windows Server, IIS, SBM
Description: Government taxation platform for zakat and taxes.
Key Contributions:

- Administered distributed Appian infra on Windows Server.

- Automated backups and system maintenance with PowerShell.

- Monitored system health, ensured uptime, and conducted RCA for incidents.

Educational Qualifications

Year	Examination	Board/University
2018	Bachelor of Technology (Computer Science and Engineering)	G.I.T., Rajasthan Technical University
2014	Senior Secondary	Maheshwari Public School, C.B.S.E
2012	Secondary	Maheshwari Public School, C.B.S.E

Achievements and Extra-Curricular

- Finalist, Rajasthan IT Hackathon (2017) – Kota

- Finalist, Rajasthan IT Hackathon (2017) – Udaipur

- Participant, Smart India Hackathon (2018)

Personal Details

- Gender: Male

- Date of Birth: 18/06/1996

- Domicile: Rajasthan

- Languages: English & Hindi