VISHAL SEN

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PROFESSIONAL SUMMARY

DevOps & MLOps Engineer with 7+ years of experience in multi-cloud environments across AWS, Azure, and GCP. Skilled in CI/CD pipeline automation, Kubernetes orchestration, IaC, monitoring, and secure infrastructure design. Experienced in building scalable ML pipelines using SageMaker, MLflow, and Azure ML. Focused on automation, cost optimization, system reliability, and delivering high-performance cloud-native solutions.

PROFESSIONAL SKILLS

Cloud & Platforms: AWS, Azure, GCP, Digital Ocean, VMware

Containerization & Orchestration: Docker, Kubernetes (EKS, AKS), ECS, OpenShift

CI/CD & DevOps Tools: Jenkins, Azure DevOps, GitHub Actions, Argo CD, AWS CodePipeline, Bitbucket Pipelines

Infrastructure as Code (IaC): Terraform, Terragrunt, AWS CloudFormation, Ansible

Monitoring & Logging: CloudWatch, Azure Monitor, Prometheus, Grafana, ELK Stack, Splunk, Zabbix, Nagios

Scripting & Programming: Python, Bash, Groovy

Security & Compliance: CyberArk, SailPoint, SonarQube, Fossology, OWASP Dependency Check, SOC2, HIPAA/GDPR

Data & Analytics (Optional for AI/ML interest): Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch, PowerBI, Tableau, AWS Glue, Azure Data Factory

PROFESSIONAL EXPERIENCE

Lead Consultant

HCL Tech   **August 2024 - October 2025, Noida, Uttar Pradesh**
• Architected multi-cloud CI/CD pipelines (AWS, Azure, GitHub Actions), increasing deployment reliability by 70%.
• Deployed containerized applications on AKS, EKS, OpenShift, managing 500+ artifacts via JFrog Artifactory.
• Built end-to-end MLOps pipelines using MLflow, SageMaker, Azure ML, and Docker with automated model training & deployment.
• Implemented CyberArk for credential governance, reducing privileged access risk by 60%.
• Automated infrastructure using Terraform & Ansible, cutting manual config efforts by 50%.
• Developed detailed runbooks, diagrams & SOPs, improving onboarding efficiency by 30%.
• Achieved 99.9% uptime using proactive monitoring via Azure Monitor & CloudWatch.

DevOps Engineer

Matellio Inc (India)   **April 2023 - June 2024, Jaipur, Rajasthan**
• Managed multi-cloud infrastructure across AWS & Azure, supporting 50+ distributed production workloads.
• Built scalable IaC using Terraform, CloudFormation & ARM templates, reducing provisioning time by 70%.
• Built CI/CD pipelines using Jenkins, GitHub Actions & Azure DevOps for multi-environment deployments.
• Developed MLOps workflows using MLflow, SageMaker, Azure ML, enabling automated model training & versioning.
• Optimized cloud usage, bringing down AWS/Azure costs by 30% via rightsizing & auto-scaling.
• Implemented DR solutions improving RTO by 50%.

DevOps Engineer

Stellar Informatics Private Limited   **September 2020 - April 2023, Noida, Uttar Pradesh**
• Built CI/CD pipelines for AWS & Azure, improving deployment efficiency by 70%.
• Managed GitHub, GitLab & AWS CodeCommit branching strategies.
• Integrated DevSecOps tools (SonarQube, OWASP), ensuring secure releases.
• Implemented monitoring using Prometheus, Grafana & CloudWatch, reducing issue detection time by 40%.
• Containerized applications with Docker; deployed on AWS ECS & ACI.

System Administrator

Evision Technoserve Private Limited   **January 2019 - September 2020, Noida, Uttar Pradesh**
• Automated infrastructure provisioning on AWS & Azure using Terraform, reducing setup time by 60%.
• Built CI/CD pipelines with Jenkins, improving deployment speed by 50%.
• Managed Linux/Windows servers ensuring high availability & patch compliance.
• Implemented Docker-based containerization & monitoring with Prometheus/Grafana.

EDUCATION

Master of Business Administration (MBA-T&FINANCE)
Swami Vivekanand Subharti University, Meerut • 07/2021-06/2023

Bachelor of Computer Application (BCA)
Jaipur National University, Jaipur • 07/2017 - 06/2021

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals

Microsoft Certified: Azure Administrator Associate

Microsoft Certified: DevOps Engineer Expert

AWS Certified DevOps Engineer - Professional

Red Hat Certified System Administrator (RHCSA)

Red Hat Certified Engineer (RHCE)

Red Hat Certified Virtualization Administrator (RHCVA)