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Professional Summary

AWS DevOps & Cloud Architect with 20+ years of experience designing, automating, and operating scalable, reliable, and secure AWS cloud platforms. Proven expertise in Infrastructure as Code (Terraform, Helm), CI/CD automation (Jenkins, GitHub Actions), container orchestration (Kubernetes/EKS), and monitoring/observability (CloudWatch, Prometheus, Grafana, ELK). Skilled in security compliance, networking, performance tuning, and release management. Adept at collaborating with cross-functional teams and executive stakeholders to deliver mission-critical, fault-tolerant solutions that align with business goals.

Core Competencies

- AWS Cloud Architecture: EC2, EKS, Lambda, RDS, S3, CloudFormation
- CI/CD & Automation: Jenkins, GitHub Actions, GitHub Workflows, Azure DevOps
- Infrastructure as Code: Terraform, Helm, CloudFormation
- Containerization & Orchestration: Kubernetes, Docker, Service Mesh
- Monitoring & Observability: CloudWatch, Prometheus, Grafana, ELK, Loki Stack
- Security & Compliance: IAM, encryption, audits, risk mitigation, SOC2/HIPAA practices
- Networking: VPC, load balancing, routing, firewalls, security groups
- Agile & DevOps Leadership: Stakeholder management, knowledge sharing, InnerSource

Professional Experience

VMware Software India Pvt Ltd (Broadcom) – Bangalore, India

R&D Engineer Software | July 2013 – June 2025

Key Achievements:

- Architected and maintained highly available AWS infrastructure (EC2, S3, RDS, EKS, Lambda) for VMware vSphere and Tanzu products.
- Automated infrastructure provisioning and deployments using Terraform and Helm, cutting deployment time by 40%.
- Cloud Cost Optimization: Saved \$100K annually via reserved instances, autoscaling, and resource optimization for VMware Tanzu Kubernetes Grid team.

- Implemented CI/CD pipelines using Jenkins, GitHub and GitHub Actions, improving release velocity by 40% and reliability.
- Critical Security Releases: Program-managed VMware ESXi & vCenter hotfixes for CVSS score of ≥ 9.0 within 72 hours.
- Designed and operated Kubernetes (EKS) clusters with resilient microservices, ensuring 99% uptime.
- Handled Release Management & Builds for VMware maintenance releases.
- Led SRE initiatives by working closely with Build team to enhance observability via CloudWatch, Prometheus, Grafana, ELK, enabling proactive troubleshooting.
- Conducted security audits, compliance checks, and risk assessments, embedding AWS best practices across teams to meet HIPAA standards.
- Authored and executed deployment/rollback plans for critical releases, collaborating with executive leadership. Used collaborative tools like Confluence, JIRA and Slack.
- Drove adoption of InnerSource practices and self-service developer platforms, improving productivity across business units.
- Led Perforce to GitHub migration for vSphere maintenance releases, and was instrumental in setting up branching strategies in Perforce and Git.

Yahoo! – Bangalore, India

Principal Engineer / DevOps & Reliability Lead | Dec 2009 – Jun 2013

- Designed and managed scalable cloud and data platforms ensuring high reliability and performance for Hadoop and Data Highway teams.
- Implemented CI/CD automation with Jenkins and GitHub, reducing build times by 50%.
- Built self-service DevOps pipelines and automation modules, increasing developer efficiency.
- Partnered with teams to emphasize on test-driven development for global distributed systems.

Deloitte Consulting – Mumbai, India

Manager | Mar 2005 – Feb 2006

- Architected scalable CI/CD pipelines with Rational ClearCase improving release reliability and time-to-market.
- Mentored teams in System administration, Rational ClearCase administration, automation, and compliance best practices.

Earlier Roles – IBM, GE Healthcare, Cadence

- Led multi-site ClearCase infrastructure deployments across global teams of MR Software Group.
- Championed Six Sigma initiatives at GE Healthcare, reducing costs and improving system reliability, thereby achieving Green Belt Certification.
- Handled System administration of Unix/Windows systems, improving platform efficiency by developing automation of system administration tasks.

Education

Executive MBA in IT Management – IGNOU, New Delhi

Certifications

- ICAgile Certified Agile Coach (ICP-ACC), CSM, CSP
- PMP & PMI-ACP (Coursework), ITIL V3 Foundation
- Six Sigma Green Belt – GE Healthcare
- Stanford Engineering – Advanced Computer Security
- ISB Hyderabad – Product Management