

PRABEEN DUTTA

Senior DevOps Engineer | Senior Platform Engineer | Site Reliability Engineer | DevSecOps & Kubernetes Specialist

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PROFESSIONAL SUMMARY

Senior DevOps Engineer with 5+ years of experience designing, automating, and operating enterprise-scale cloud infrastructure across AWS, Microsoft Azure, and Google Cloud Platform. Specializes in Kubernetes platform engineering, Infrastructure as Code, CI/CD automation, Site Reliability Engineering, and DevSecOps for large-scale production environments. Delivered 99.9%+ application availability, reduced infrastructure provisioning effort by up to 90%, improved deployment reliability by 30%, and accelerated software delivery through automation-first engineering. Skilled in building resilient, observable, and secure cloud-native platforms that support high-availability business operations.

TECHNICAL SKILLS

Cloud Platforms: AWS (EKS, EC2, S3, RDS, Lambda, VPC, IAM, CloudWatch, ECR, ECS, CloudFormation, Route53, Secrets Manager), Microsoft Azure, Google Cloud Platform (GCP)

Containers & Orchestration: Kubernetes, Docker, Helm, Kustomize, Karpenter, Ingress Controllers, Istio

Infrastructure as Code: Terraform, CloudFormation, Ansible

CI/CD & GitOps: Jenkins, GitHub Actions, GitLab CI/CD, ArgoCD, GitOps, Canary Deployment, Blue-Green Deployment

Monitoring & Observability: Prometheus, Grafana, OpenTelemetry, ELK Stack, Datadog, New Relic, PagerDuty, Opsgenie

Programming & Scripting: Python, Bash, PowerShell, Groovy, YAML

Security & DevSecOps: Cloud Security, RBAC, Snyk, Trivy, IAM, DevSecOps

Reliability Engineering: SLI/SLO/SLA, Error Budgets, Root Cause Analysis (RCA), Capacity Planning, Incident Management, High Availability, FinOps & Cost Optimization

Databases & Messaging: Apache Kafka, MySQL

PROFESSIONAL EXPERIENCE

Senior DevOps Engineer

Jul 2025 - Present

GlobalLogic — Pune, Maharashtra, India

- Design and operate cloud-native infrastructure supporting 15+ microservices on AWS EKS, maintaining 99.9%+ application availability.
- Standardized infrastructure provisioning through Terraform and Ansible, cutting manual operational effort by 85% and improving deployment consistency.
- Engineered CI/CD workflows and GitOps pipelines using ArgoCD, enabling zero-downtime production deployments and configuration consistency across environments.
- Strengthen SRE maturity by defining SLIs/SLOs, error budgets, and driving RCA and capacity planning to improve service reliability and operational readiness.
- Enhanced platform observability through Prometheus and Grafana dashboards, strengthening monitoring and reducing incident resolution time.
- Collaborate closely with engineering, QA, and infrastructure stakeholders to strengthen platform scalability, deployment reliability, and operational stability.

DevOps Consultant

Sep 2024 - Jul 2025

Capgemini — Pune, Maharashtra, India

- Provisioned AWS infrastructure using Terraform-based Infrastructure as Code, reducing manual provisioning effort by 90%.
- Modernized deployment pipelines using Jenkins and GitLab CI/CD, increasing deployment frequency by 50% while improving release reliability.
- Configured enterprise log aggregation through the ELK Stack, processing approximately 1TB of operational logs daily to improve monitoring visibility.
- Supported production systems achieving 99.9% uptime through proactive monitoring with Prometheus and Grafana.
- Integrated Kafka-based data pipelines supporting highly available, resilient application environments.
- Collaborated with engineering teams to improve cloud platform performance, automation, and operational resilience across enterprise workloads.

DevOps Engineer

Jul 2021 - Sep 2024

- Managed and supported enterprise cloud platforms spanning AWS, Azure, and GCP, ensuring stability, availability, and operational consistency.
- Modernized application delivery through containerized deployment strategies using Docker and Kubernetes, reducing deployment time by 50%.
- Automated infrastructure configuration using Ansible, reducing environment provisioning time by 70% while improving deployment consistency.
- Resolved 250+ infrastructure and DevOps incidents, maintaining platform reliability and continuous service availability.
- Mentored junior engineers on cloud infrastructure, Kubernetes administration, and deployment automation, contributing to a 25% improvement in Mean Time to Recovery (MTTR).
- Partnered with development, QA, and infrastructure groups to streamline deployment workflows and production support processes.

PROJECTS

Cloud-Native Kubernetes Platform

- Architected and deployed a cloud-native application platform on AWS EKS to support scalable application workloads.
- Implemented Helm-based deployment automation and Istio service mesh to improve traffic routing and platform resilience.
- Delivered highly available infrastructure supporting 50% faster application deployments through standardized deployment practices.

Project Holder Application

- Designed and developed a web-based application using Flask and MySQL to streamline operational workflows.
- Improved workflow efficiency by 30% through process automation and application optimization.

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (Valid: Apr 2023 – Apr 2027)
- AWS Certified SysOps Administrator – Associate (Valid: Feb 2024 – Feb 2027)
- AWS Certified Data Analytics – Specialty (Valid: Sep 2024 – Sep 2027)
- Microsoft Certified: Azure Security Technologies (AZ-500) (Valid: Dec 2023 – Dec 2027)
- HashiCorp Certified: Terraform Associate (Valid: Jul 2026 – Jul 2028)
- Certified Automation Practitioner – Accenture (Aug 2021)

EDUCATION

- Master of Science (M.Sc.), Computer Science — Woolf University × Scaler Neovarsity | Jul 2023 – Mar 2025
- Bachelor of Technology (B.Tech.), Computer Science — Rungta College of Engineering and Technology, Bhilai | Aug 2017 – Jul 2021

PROFESSIONAL RECOGNITION

- Spot Award – GlobalLogic, for excellence in cloud infrastructure automation
- Eminence Award – GlobalLogic, for outstanding contributions to DevOps engineering and automation
- ACE Award – Accenture, for exceptional contribution to AWS cloud infrastructure automation
- Extra Milestone Award – Accenture, for leading initiatives that ensured seamless application uptime
- Recognized four times by clients for exceptional results in AWS cloud automation and reliability engineering