

ANKIT KUMAR TIWARI

ankitkumartiwari000@gmail.com · +91 9122032117 · Bengaluru, India
[LinkedIn: linkedin.com/in/ankit-kumartiwari-134153230](https://www.linkedin.com/in/ankit-kumartiwari-134153230)

SUMMARY

DevOps Engineer with 3 years of experience in **cloud computing**, specializing in designing and operating cloud-native applications on AWS. Successfully managed high-stakes production workloads, including 14M+ emails/day during peak events, while ensuring **security compliance** and application lifecycle management through **CI/CD automation**. Proven ability to collaborate cross-functionally to enhance infrastructure reliability and efficiency across engineering teams.

EXPERIENCE

DevOps Engineer · Bazaarvoice

Jun 2025 – Present

- Drove end-to-end migration of legacy Jenkins pipelines to GitHub Actions, standardizing workflows across engineering teams and increasing deployment frequency while reducing maintenance overhead.
- Designed and delivered a horizontally scalable, production-grade infrastructure for a coupon management service from DNS and ALB routing through ECS containers to Aurora RDS, provisioned entirely via Terraform.
- Built a fully automated GitHub Actions pipeline with a structured branching strategy, PR template validation, ECR artifact management, and Terraform-based infrastructure deployments, enforcing mandatory PR approvals and a separate infrastructure change approval gate to ensure **security compliance** and deployment security.
- Owned infrastructure reliability for BFCM peak load of 14M+ emails/day with zero incidents. Led end-to-end readiness efforts including CPU, memory, and healthy-node alerting across all services; capacity reservation planning; and active-active multi-region deployments with Route 53 health checks for automatic failover, ensuring full disaster recovery coverage under peak traffic.

Associate DevOps Engineer · Bazaarvoice

Nov 2023 – Jun 2025

- Led large-scale EC2 rightsizing initiative by analyzing CPU/memory utilization patterns, achieving substantial cost savings with a 0% request failure rate and no post-migration stability issues.
- Managed **Kubernetes** workloads at 3,000+ RPS by implementing Horizontal Pod Autoscaling (HPA) and fine-tuning resource limits, ensuring consistent system resilience under peak load.
- Architected Blue-Green deployment strategy using Route53 and ALB, eliminating deployment-related downtime and improving production release success rates.
- Redesigned configuration propagation workflow between upstream and downstream systems, cutting global update time by 50% (30 min → 15 min).
- Identified and resolved RDS bottlenecks through query execution optimization, reducing AWS RDS CPU utilization and improving application response times.

Software Engineer Intern · Bazaarvoice

Apr 2023 – Oct 2023

- Developed responsive UI components using Handlebars and Backbone.js, built and maintained MongoDB schemas, and engineered backend services with Spring Boot.

EDUCATION

B.Tech, Computer Science & Engineering · Bengal College of Engineering and Technology, West Bengal

2019 – 2023

SKILLS

AWS (Certified Cloud Practitioner), Kubernetes, Docker, Linux (Ubuntu/CentOS), Terraform, CloudFormation, Shell Scripting, Python, GitHub Actions, Jenkins, Blue-Green Deployments, Datadog, Logz, PagerDuty, AWS RDS, MongoDB, Spring Boot, cloud computing, security compliance, cloud-native applications, cross-functional collaboration, application lifecycle management

CERTIFICATIONS

- AWS Certified Cloud Practitioner

ACHIEVEMENTS

- Technical Writing · Publish articles on DevOps best practices, Kubernetes optimization, and cloud automation.