

PRANAV BANSAL

DevOps Engineer

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PROFESSIONAL SUMMARY

DevOps Engineer with hands-on experience operating and scaling cloud-native, microservices-based platforms in production. Proficient in AWS, Kubernetes, Terraform, CI/CD, and observability, supporting high-traffic systems and enabling reliable, cost-effective deployments at scale.

WORK EXPERIENCE

DevOps Engineer RoundCircle Technologies	Jan 2024 – Present <i>Gurugram, India</i>
<ul style="list-style-type: none">Operated and scaled production AWS infrastructure supporting 1M+ users across 80+ Kubernetes-based microservices, collaborating with senior DevOps and SRE engineers.Participated in on-call rotations for ECS Fargate-based production services, responding to incidents, performing root cause analysis, and implementing fixes to improve reliability.Built and operated Amazon ECS (Fargate) deployments alongside Kubernetes-based services, enabling blue-green and rolling deployment strategies for zero-downtime releases.Implemented and operated monitoring, logging, and tracing using Prometheus, Grafana, Loki, Tempo, Datadog, and New Relic to improve incident detection and response.Developed and maintained infrastructure as code to provision and manage scalable cloud environments.Led multi-account AWS migrations, ensuring service continuity, data integrity, and minimal downtime.Drove cloud cost optimization initiatives, reducing AWS spend by 50–60% through Spot Instances, EC2 right-sizing, RDS tuning, and ECR optimization.Designed and implemented Jenkins pipelines with ECS runners, enabling auto-scaling workloads and reducing GitLab CI/CD pipeline failures by 30%.Managed self-hosted open-source systems, including Neo4j and ClickHouse in production, handling deployments, upgrades, backups, and performance tuning.Designed and operated cloud infrastructure for AI-driven B2C and B2B platforms, including a 10k+ MAU chatbot, enabling LLM-based workflows using Amazon Bedrock and experimentation with Amazon SageMaker.	

TECHNICAL SKILLS

Cloud Platforms	AWS, Azure, GCP
Infrastructure as Code	Terraform, CloudFormation
Containers & Orchestration	Docker, Kubernetes, Amazon ECS
CI/CD	GitLab CI, Jenkins, GitHub Actions
Observability	Prometheus, Grafana, Loki, Tempo, Datadog, New Relic
Programming	Python, Bash, Groovy, Java, C, C++
Operating Systems & Tools	Linux (Ubuntu, RHEL), SonarQube, PagerDuty

EDUCATION

Bachelor of Engineering in Computer Science , Chitkara University	CGPA 9.75/10
High School in Non-Medical , CBSE	CGPA 9.5/10

CERTIFICATIONS

AWS Certified Cloud Practitioner — Datadog Fundamentals — Kubernetes for Beginners — Ultimate AWS SysOps

ACHIEVEMENTS

- Runner up, Hackathon 2025 — Built a real time analytics platform using Kafka, Apache Pinot, Superset.
- Finalist, Hackathon 2023 — Developed a face recognition system using Python.