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   Jan 2024 – Present
RoundCircle Technologies   *Gurugram, India*

- 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.