

AYUSH CHATURVEDI

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Career Objective

DevOps Engineer with 3 years of experience in cloud automation, CI/CD pipelines, and infrastructure management. Skilled in cloud-native systems, monitoring/observability, and secure DevOps practices. Experienced in managing AI/ML workloads and scalable GPU/accelerator deployments, with a proven track record of improving system reliability and performance across high-impact projects.

Technical Skills

- AWS, Azure, Jenkins, Ansible, Kubernetes, Docker, Maven, JFrog, Terraform, Python, AI Infrastructure Management
- Prometheus, Grafana, Istio, New Relic
- Linux (File/User Management, Networking, Disk Management, Patching, Admin Tasks)
- Automation, Production Support, RCA, On-call Activities

Education

Nowgong Engineering College
Bachelor of Technology in Mechanical Engg. (CGPA: 7.22 / 10.00)

2018 - 2022
Chhatarpur, M.P.

Professional Experience

WebMobTech Solution Pvt. Ltd.

November 2023 – Present

Ahmedabad, Gujarat

DevOps / SRE Engineer

- Built and optimized scalable CI/CD pipelines using Jenkins, GitLab CI, and CircleCI, improving deployment speed by 40%.
- Managed cloud infrastructure on GCP/AWS/Azure and automated provisioning using Terraform and Ansible, reducing manual efforts by 70%.
- Integrated Prometheus, Grafana, and New Relic for monitoring and alerting, reducing production incidents by 30–50%.
- Strengthened platform reliability through secure DevOps practices, centralized secrets management, and vulnerability scanning.
- Led production incident response, ensuring 99% uptime and quick issue resolution across engineering teams.
- Managed AI/ML infrastructure with scalable GPU/TPU utilization for training and inference workloads.
- Built automated ML model deployment pipelines with Docker, Kubernetes, and CI/CD, improving rollout efficiency by 35%.
- Automated provisioning of GPU-enabled instances using IaC, reducing setup time by 60%.

AG Technologies Pvt. Ltd.

November 2022 – July 2023

Mumbai, Maharashtra

Associate Cloud Engineer

- Designed and implemented AWS-based cloud solutions focusing on scalability, performance, cost optimization, and DevOps best practices.
- Managed and troubleshooted Kubernetes (EKS) clusters, maintaining manifests and Helm charts across multiple environments.
- Ensured reliable and traceable production changes and contributed to building self-healing infrastructure components.
- Developed automation tools using Python and Bash to eliminate manual tasks and improve operational efficiency.
- Conducted research-driven analysis on user engagement for video game dungeon generation techniques.

Key Projects

Museum Vision – GPU Infrastructure

- Deployed a 40-GPU HPC server with Docker-based dev/stage/prod pipelines for semantic search workloads.
- Optimized GPU scheduling, orchestration, and container lifecycle, ensuring high availability and low-latency inference.

IoT Water Leak Sensor – AWS Cloud Integration

- Built end-to-end IoT pipeline with AWS IoT Core, Lambda, SQL, and IoT rules for real-time water leak monitoring.
- Implemented serverless data processing and Grafana dashboards for reliable storage and visualization of leak levels, temperature, and sensor metrics.

Loan Admin Planner – Serverless Workflow Automation

- Built serverless backend with AWS Lambda, S3, SNS and automated CI/CD pipelines, improving scalability and operational visibility.
- Optimized compute usage to reduce costs while improving system performance.

E-commerce Platform Deployment & Operations

- Deployed and maintained high-traffic e-commerce platform on AWS EC2 with 24x7 availability and 99.9% uptime for 2,000+ concurrent users.
- Managed end-to-end CI/CD pipeline and implemented monitoring, alerting, and incident response for operational stability.