

JAHANNIVAS M

Cloud Engineer with over 5+ years of experience designing and managing scalable, highly available AWS infrastructure and production-grade Kubernetes (EKS) environments. I focus on building reliable cloud systems using Infrastructure as Code (Terraform) and streamlining deployments through robust CI/CD automation. I've worked extensively on improving SLA-driven reliability, implementing auto-scaling strategies, and enabling blue-green and rolling deployments to support mission-critical SaaS applications with zero downtime.

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CORE SKILLS

Cloud Platforms:

AWS (EC2, S3, IAM, RDS, EKS, ECS, VPC, ELB, Auto Scaling, Route 53)

Containerization & Orchestration:

Kubernetes (EKS), Docker, Helm

Infrastructure & Automation:

Terraform (Infrastructure as Code), Jenkins, GitHub Actions, GitLab CI

Monitoring & Observability:

Datadog, Nagios, Prometheus, CloudWatch

Infrastructure Practices:

High Availability Architecture, Auto-Scaling, Blue-Green & Rolling Deployments, Microservices, Release Management, SLA-Driven Reliability

Systems & Scripting:

Linux Administration, Bash

WORK EXPERIENCE

Ellucian

Cloud-Ops Engineer

Jul 2022 – Present

Designed and set up scalable AWS infrastructure, including production EKS clusters for multi-tenant SaaS applications.

Rolled out Kubernetes auto-scaling to make better use of resources during fluctuating production traffic.

Automated the infrastructure provisioning process using Terraform and CI/CD pipelines, cutting down manual work by 70%.

Created Dockerfiles and Kubernetes manifests to support zero-downtime rolling deployments.

Handled P1 production incidents within SLA, lowering MTTR by 40% and keeping client satisfaction at 99.9%.

Set up and configured over 20 AWS client environments, which sped up onboarding and boosted reliability.

Aximsoft

DevOps Engineer – Coimbatore

Jan 2021 – Jul 2022

Enhanced infrastructure uptime by 15% through dedicated AWS and IBM Cloud management.

Automated deployment workflows across more than 50 servers, cutting downtime by 80%.

Set up Prometheus-based monitoring, which reduced incident resolution times by 25%.

Deployed containerized applications using Docker and Kubernetes to enhance scalability and ensure consistent deployments.

Certification

Terraform Certified Associate (003)

June 2025 - June 2027

EDUCATION

M.Sc. in Computer Science – Bharathiar University