

# Amol Ganje

Senior DevOps Engineer

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## PROFILE SUMMARY

Senior DevOps Engineer with **5+ years** of experience building and operating cloud-native platforms at scale. Strong expertise in **AWS, Kubernetes, Terraform, and CI/CD automation**. Proven track record supporting telecom-scale systems serving **4M+** users, reducing deployment time by 70%, and optimizing cloud costs by up to **\$200K** annually. Experienced in client-facing delivery, global onsite engagements, and mentoring engineers.

## WORK EXPERIENCE

Company	Role	Date
Amdocs Development Centre India LLP	DevOps Engineer	Oct 2021 – Present Pune, India
Hashtech Systems Pvt Ltd	Cloud Engineer	Sept 2020 - Oct 2021 Mumbai, India

**Amdocs Development Centre India LLP**

DevOps Engineer

Oct 2021 – Present  
Pune, India

- Architected and operated a fault-tolerant microservices platform on **AWS EKS** serving **4M+ subscribers and ~2,000** pods per cluster.
- Delivered and standardized CI/CD pipelines for 300+ services using Jenkins, Helm, Kubernetes, Docker, Argo CD, Nexus, driving 70% reduction in deployment lead time.
- Implemented **Python-based automation (AWS Lambda, S3, and custom scripts)** for backup orchestration, monitoring workflows, and operational tasks, improving system reliability and response times.
- Integrated **AI-assisted** engineering practices into daily DevOps workflows to enhance automation efficiency, troubleshooting accuracy, and developer productivity.
- Supported 24/7 **production** operations including upgrades, incident triage, root cause analysis, and resolution of customer-impacting issues in high-availability systems.
- Eliminated repetitive operational tasks using Bash/Shell scripts and Jenkins pipelines, improving infrastructure reliability.
- Mentored 10+ junior engineers on Kubernetes, Terraform, and CI/CD best practices, accelerating onboarding time by 40%.
- Japan Onsite (SCSK/J:COM):** Delivered enterprise backup, DR, and blue-green deployments on **Azure AKS** across Couchbase, PostgreSQL, Elasticsearch, and Cassandra.
- Developed reusable Terraform blueprints to provision AWS infrastructure (EKS, RDS, MSK, VPC, IAM, S3), significantly reducing manual provisioning effort.

**Hashtech Systems Pvt Ltd**

Cloud Engineer

Sept 2020 - Oct 2021  
Mumbai, India

- Managed initial Docker and Kubernetes adoption to modernize legacy workloads and enable cloud-native deployment patterns.
- Established basic CI pipelines (Git/GitHub + Jenkins) to support containerized deployments.
- Worked closely with DevOps teams to transition monolithic workloads to Kubernetes-ready architectures.
- Containerized and orchestrated 20+ legacy applications using Docker and Kubernetes, improving deployment consistency and reducing environment issues by 60%.
- Automated server provisioning, patching, and configuration management using **Ansible**, cutting manual setup time by 50%.
- Optimized cloud cost** and performance using CloudWatch and Trusted Advisor, enabling auto-scaling and reducing spend by 30%.
- Engineered and managed secure AWS hosting architectures (EC2, Route53, SSL/TLS, security groups) for **production workloads**.

## SKILLS

- Cloud:** AWS (EKS, EC2, RDS, IAM, VPC, Route53, S3, MSK, CloudWatch, Elastic Load Balancing, Security Groups), Azure, Google Cloud Platform (GCP)
- Containers:** Kubernetes, Docker, Helm, OpenShift, Hashicorp Vault
- CI/CD:** Jenkins, GitLab CI/CD, Argo CD, AWS CodePipeline
- IaC:** Terraform, Ansible, CloudFormation
- Scripting & OS:** Shell/Bash (advanced), Python (Basic), Linux/Unix
- Version Control:** Git, GitHub, Bitbucket, CodeCommit
- Monitoring:** Prometheus, Grafana, CloudWatch

## CERTIFICATIONS & AWARDS

- AWS Solutions Architect – Associate
- Certified Kubernetes Application Developer (CKAD)
- Microsoft Azure Fundamentals (AZ-900)
- HashiCorp Terraform Associate (003)
- Awarded the “**North Star Certificate of Appreciation**” by Amdocs & Rogers for leading the first AWS-based CI disaster recovery solution.

## EDUCATION

- Bachelor of Engineering (June 2015 – July 2019) | Sinhgad College of Engineering, Pune

## VISA & INTERNATIONAL TRAVEL

- Japan onsite experience | Valid passport | Open to global relocation