

MAYANK SHASHANK

7903411876 | guptamayankshashank@gmail.com | [Portfolio](#) | [GitHub](#) | [LinkedIn](#)

SUMMARY

Entry-level DevOps Engineer with hands-on experience in **AWS, Docker, Kubernetes (EKS), Jenkins CI/CD and Terraform**, with practical exposure to cloud infrastructure, secure networking, observability and DevSecOps. Experienced in deploying applications, automating multi-environment releases, implementing infrastructure as code, and supporting reliable cloud-native deployments.

PROFESSIONAL EXPERIENCE

DevOps Intern — Maksha

Bengaluru, India | Jun 2026 – Aug 2026

- Contributed to re-architecting backend workloads from standalone EC2 servers to containerized microservices on Docker and AWS EKS, with databases migrated to AWS RDS to improve scalability and manageability.
- Developed Jenkins CI/CD pipelines that replaced manual release steps with namespace-based deployments across production and non-production Kubernetes environments.
- Implemented Terraform-based Infrastructure as Code to provision and manage AWS resources, including EKS-managed nodes and supporting servers.
- Configured site-to-site VPN connectivity between on-premises infrastructure and AWS VPC; worked with ALB, NAT, Security Groups, DNS, TCP/IP, HTTP/HTTPS and TLS.
- Contributed to an AWS data platform using Lambda, S3, Glue and Redshift, and implemented Prometheus/Grafana monitoring and automation scripts for proactive anomaly detection and alerting.

DevOps Intern — Train With Shubham (TWS)

Bengaluru, India | Jun 2026 – Aug 2026

- Built and deployed a containerized application on AWS EKS using Docker, Kubernetes and Helm, configuring environment-specific deployment workflows and cloud infrastructure.
- Automated application delivery with Jenkins and Terraform, adding Prometheus/Grafana monitoring and SonarQube/Trivy security and quality checks.

TECHNICAL SKILLS

Cloud: AWS (EC2, EKS, ECR, RDS, Lambda, S3, VPC, CloudWatch)

CI/CD & Version Control: Jenkins, Git, GitHub, GitHub Actions, Ansible

Containers & Orchestration: Docker, Kubernetes, Helm, Istio

Infrastructure as Code: Terraform, AWS CloudFormation

DevSecOps: SonarQube, Trivy, OWASP

Monitoring & Logging: Prometheus, Grafana, Nagios, Fluent Bit, OpenSearch, Splunk

Databases: Oracle RDS, MongoDB, Redis

Networking & Web: TCP/IP, DNS, SMTP, HTTP/HTTPS, TLS, ALB, NAT, Security Groups, Nginx

Languages & Operating Systems: Python, Shell/Bash, Java, RHEL, Windows

PROJECTS

Wanderlust — Kubernetes DevSecOps Deployment | AWS EKS, Docker, Kubernetes, Jenkins, Helm, Argo CD

- Containerized and deployed the application on EKS using Docker, Kubernetes and Helm, with Jenkins-based CI/CD and Argo CD for GitOps-driven releases.
- Integrated monitoring and security/quality checks into the deployment workflow to improve release visibility, consistency and reliability.

Reliable URL Shortener — Event-Driven Application | FastAPI, React, PostgreSQL, Temporal, Docker Compose

- Engineered a full-stack URL shortener with FastAPI, React, PostgreSQL and Docker Compose, using self-hosted Temporal for asynchronous processing.
- Implemented durable click-counting and scheduled URL-safety workflows with SSRF protection and IP-based rate limiting; achieved 57 passing tests and 82% coverage.

EDUCATION

BMS College of Engineering (BMSCE) — Bengaluru, India | B.E. in Civil Engineering | 2018 – 2023 | **CGPA: 7.42/10**

CERTIFICATIONS & ACHIEVEMENTS

- AWS Zero To Hero — Cloud/DevOps learning certification by Train With Shubham
- Cloud Computing — Certification by TuteDude
- Python for DevOps — Certification
- Water Conservation by Rain Water Harvesting — International Journal of Advance Research and Innovative Ideas in Education (IJARIE)
- Web Development for Coders Workshop — BMSCE PhaseShift

LANGUAGES & INTERESTS

Languages: English (Fluent), Hindi (Native)

Interests: Badminton, Reading