

Atharva Kishor Kumbhar

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Experience

DevSecOps Intern | Talakunchi Networks Pvt. Ltd. - Mumbai Jan 2026 – Present

- Built **secure GitLab CI pipelines** with automated build, test, release validation, SAST, SCA, SBOM generation, and policy checks, reducing manual security checks by **40%**.
- Hardened **Dockerfiles for AI-integrated applications** using minimal base images, non-root users, dependency control, and OWASP Docker practices, reducing container misconfigurations by **30%**.
- Strengthened **Linux, CI/CD, and network troubleshooting** by analyzing logs, deployment errors, firewall rules, access configurations, and service connectivity issues to improve release stability.
- Researched **LLMSecOps workflows** and defined security control points for **AI/LLM pipelines**, including secure input handling, artifact integrity validation, and secure deployment.
- Received cross-domain training in **Penetration Testing** and **Secure Code Review (SCR)**, covering application security testing, vulnerability identification, OWASP-based review, and remediation validation.

GCP Cloud Engineer Intern | DC Info Tech Pvt Ltd - Remote May 2025 – Aug 2025

- Created and managed **scalable and secure GCP infrastructure** including Compute Engine, Cloud Storage, IAM, firewall rules, and environment-specific resources.
- Automated cloud provisioning using **Terraform and Bash scripting** to build repeatable development, testing, and deployment environments, reducing manual effort by **30%**.
- Configured **Cloud Build, Compute Engine, and Cloud Storage** for deployment workflows, improving consistency, troubleshooting, and setup time by **35%**.

Projects

Self-Healing CI/CD Pipeline Agent | *GitHub Actions, Claude API, PyGithub, REST API, pytest, flake8* [Link](#)

- Built an **AI-powered CI/CD failure analysis agent** that automatically reviews failed GitHub Actions pipelines and generates structured root cause analysis with fix recommendations.
- Integrated **Claude API, PyGithub, and REST APIs** to analyze build logs, test failures, lint errors, dependency issues, and Docker build failures directly from pull request workflows.
- Implemented automated **PR-based feedback** with severity, confidence level, failure classification, remediation steps, and prevention guidance to improve developer productivity and release reliability.

CI/CD Pipeline for Spring Boot Application on Kubernetes | *Kubernetes, Helm, Terraform, GitOps, Nexus* [Link](#)

- Designed an **end-to-end CI/CD pipeline** for a Spring Boot application to automate build, testing, code quality checks, artifact management, and Kubernetes deployment.
- Designed and provisioned **scalable infrastructure using Terraform** following Infrastructure-as-Code best practices with automated validation and PR-based workflows.
- Implemented **GitOps** and **Infrastructure as Code (IaC)** workflows using Jenkins, Docker, Helm, Kubernetes, SonarQube, Datree, and Nexus for automated application delivery.

Technical Skills

Programming & Scripting: Java, Python, DSA, OOPS, Bash, YAML, SQL (MySQL), Git, GitHub, PowerShell basics

DevOps & CI/CD: Azure DevOps, Jenkins, GitHub Actions, GitLab CI, Docker, Kubernetes, Helm, ArgoCD, GitOps

AI, ML & Generative AI: Gen AI, ML Fundamentals, NLP, LLM Workflows, RAG, GPT Concepts, Prompt Engineering

Cloud Platforms: AWS, Google Cloud Platform (GCP)

Infrastructure as Code: Terraform

DevSecOps & Security: SonarQube, Trivy, Snyk, OWASP ZAP, Datree, Burp Suite

Observability & Monitoring: Prometheus, Grafana, AWS CloudWatch, Alertmanager basics, log analysis

Certifications & Achievements

Networking Basics— [Cisco](#)

Associate Cloud Engineer Certification — [Google Cloud](#)

AWS Certified Cloud Practitioner — [AWS](#)

AWS Certified AI Practitioner — [AWS](#)

Education

B.E. in Information Technology – University of Mumbai

Jun 2022 – May 2026