

# HARSH SEN

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## EXPERIENCE

### DevRel - Intern

#### Code4GovTech

 Oct 2024 - May 2025

 Remote

- Led DevRel initiatives, for Indian government **Digital Public Goods** (DPGs) and **Digital Public Infrastructure** (DPIs) driving developer engagement and community growth.
- Contributed to government-backed projects in DevOps domain, working with Docker, Kubernetes, and AWS.
- Organized hackathons, created technical content (videos, blogs) on emerging projects.
- Spearheaded C4GT**Augtoberfest**, managed the community **Discord server** to 5k members in a week, and hosted live Q&A sessions along with guest speaker.

### Open-Source Contributions : DevOps

**Piramal Swasthya** - Configure a CI/CD pipeline for Checkstyle code formatting and vulnerability scanning in Java - maven project using Github Actions, Sonarqube, Owasp dependency check.

**Vikasa Project**- Configured Docker Compose to orchestrate local development environment, integrating React frontend (served via Nginx), backend, and DynamoDB services. Enabled developers to spin up entire stack locally, enhancing development efficiency and reducing setup time.

## COMMUNITY EXPERIENCE

### Google Developers Groups Speaker

 Jan 2025 - Mar 2025

- Delivered 5+ workshops and sessions with Google Developers Groups on Open Source and emerging technologies.

### CNCF Indore Member

- Promoted cloud-native technologies and best practices through 20+ workshops and webinars.

## EDUCATION

### Bachelors of Technology - Computer Science Engineering Sage University

 Oct 2022 - 2026

## TECHNICAL SKILLS

Java Python Go Prometheus

Docker Kubernetes Terraform

Shell Git Github actions AWS

Azure CI/CD Jenkins Bash

## PROJECTS

### DevSecOps-CICD

#### End-to-End secure CI/CD pipeline

- Configured secure CI/CD pipeline using Jenkins, achieving 30% faster deployments, 40% improved code quality, and 25% reduced vulnerabilities.
- Implemented SonarQube, Trivy, and Hypertest for code analysis, vulnerability scanning, and automated testing, ensuring 95% test coverage and 99% uptime.

### Terraform-K8s-AWS-Infra

#### Devops powered spotify playlist management tool

- Terraform-based IaC to provision secure cloud infrastructure on AWS including VPCs, subnets, and Kubernetes clusters.
- Implemented robust security controls, including IAM roles/policies and Security Groups, resulting in 30% faster provisioning, 40% enhanced security compliance, and 25% improved scalability.

## ACHIEVEMENTS

- Finalist, Hack'ndore (Hackathon): Ranked among top 5 teams out of 1300+ participants nationwide for innovative municipal solution.