

Gambhir Sharma

DevOps | Full Stack Developer

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DevOps-Focused Full-Stack Developer with hands-on experience building modern web applications using Next.js, TypeScript, PostgreSQL, and Node.js. Passionate about cloud infrastructure and automation, with projects deployed on AWS and Kubernetes using CI/CD pipelines, Docker, and Helm. Skilled in infrastructure as code, GitOps workflows, and monitoring solutions. Proficient in Python scripting and automating infrastructure tasks through ad hoc tooling. Currently sharpening my cybersecurity skills through CyberChallenge.it CTF, while sharing DevOps and development insights through technical writing and Twitter.

Work Experience

[CGI](#) Rome, Italy | Full-time
DevOps Space Engineer - Intern September 2025 - March 2026
Working across multiple spheres of DevOps, including CI/CD automation, cloud infrastructure management, and deployment optimization, with a strong DevSecOps focus on vulnerability analysis and remediation, and MLOps experience using Kubeflow and JupyterHub to support scalable ML and Earth observation data platforms.

[RepoCraft](#) Remote | Mumbai
Full Stack Developer June 2023 - February 2024
Worked on the open-source repoCraft project, contributing to both frontend and backend. Gained experience building production-grade web apps and exposure to DevOps.

Education

[Università degli Studi di Roma Tor Vergata](#) Bachelor
Engineering September 2024 - Present

Pursuing Engineering Science program at the University of Rome Tor Vergata, focusing on quantitative analysis, scientific reasoning, and multidisciplinary engineering concepts.

[CyberChallenge.IT](#) Training Program
Cybersecurity February 2025 - July 2025

Learned a lot from a security point of view through this CTF program. Explored cryptography, web vulnerabilities, social engineering, and system-level exploit development. It really broadened my understanding of secure software design

Projects

[On Fly Image Optimization](#)
Self-hosted image optimizer deployed on Kubernetes. Built with Next.js and Supabase Edge Functions, with observability via Prometheus & Grafana. Used a custom Dockerfile and ad hoc scripts to build and serve the Next.js app. Deployed using ArgoCD and Helm, with CI/CD pipelines automated via GitHub Actions and Kustomize.

Tech Stack: TypeScript, Next.js, Supabase, S3, GitHub Actions, PostgreSQL, Kubernetes (K8s), Helm, ArgoCD

[Lambda web scraping](#)
Built a serverless scraper using AWS Lambda, storing logs in DynamoDB and sending real-time alerts via Telegram API. Fully deployed on AWS for scalability and cost-efficiency.
Tech Stack: AWS, EC2, DynamoDB, Python

[Vercel Clone](#)
Built a platform that deploys apps from GitHub URLs by building Docker images and deploying them to Kubernetes, automating the CI/CD pipeline.

Tech Stack: Next.js, Node.js, K8s, Docker

Skills

Front-End: Next.js, React, TypeScript, Tailwind CSS, ShadCN/UI, Vue.js, React Router
Back-End: Node.js, Express.js, FastAPI, Flask, Phoenix (Elixir), tRPC, GraphQL, Kafka, Supabase, Firebase
Cloud: AWS (CDK, SAM), Serverless Framework, S3, EC2, Lambda
DevOps: Kubernetes, Helm, ArgoCD, Git, GitHub Actions, Terraform, Linux, Vim, Prometheus, Grafana, Nginx, Kustomize, Ansible, Chef, DefectDojo, harbor, Kubeflow, Traefik

Open Source Contribution

[#376](#): CGI Inc.'s LINO CLI tool

[#1431](#) Freelens k8s custom theme

[#1685](#): Tab Completion to AsyncAPI CLI

[HackClub](#): maintainer