



Gambhir Sharma

Full Stack Developer | DevOps

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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 | September 2025 - Present
DevOps Intern Rome, Italy

Assisting in automating CI/CD pipelines, managing cloud infrastructure, and improving deployment workflows as a DevOps Intern.

RepoCraft | June 2023 - February 2024
Full Stack Developer Remote | Mumbai

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 | September 2024 - Present
Engineering Bachelor

CyberChallenge.IT | February 2025 - July 2025
Cybersecurity Training Program

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

Open Source Contribution

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

[#1431 Freelens k8s custom theme](#)

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

[HackClub: maintainer](#)