

Dhruv Puri

📧 dhruvpuri.xyz 📞 +91 9149407326 🌐 github.com/slashexx 📱 [in/dhruvpuri-slashex](https://in.dhruvpuri-slashex) ✉️ dhruvpuri.35@gmail.com

EDUCATION

Dayananda Sagar College of Engineering

B.E. Information Science

Sept. 2027

CGPA: 9.33

SKILLS

Languages: Java, Go, Typescript, Python

Frameworks and Libraries: Node.js, Express, Next.js, Gin

Tools: Linux, Git, GitHub Actions, Firebase, Docker, Kubernetes

EXPERIENCE

Linux Foundation Mentorship 🌐

Aug 2025 – Present

LFX Mentee at CNCF: Kyverno : Go, Kubernetes, CEL, Policy-as-Code

Remote · San Jose, USA

- Contributing to **CNCF: Kyverno**, a Kubernetes-native policy engine.
- Implementing **namespaced versions of CEL-based policies** which are **ValidatingPolicy**, **MutatingPolicy**, **ImageValidatingPolicy**, **GeneratingPolicy**, **DeletingPolicy**.
- Integrating **RBAC controls** for **namespace-scoped** policy management and writing comprehensive tests, documentation, and examples.

Google Summer of Code 🌐

May 2025 – Present

Contributor at Prometheus Operator : Go, PrometheusAgent, DaemonSets, CEL

Remote · Raleigh, USA

- Stabilizing and enhancing the **DaemonSet mode** for the **Prometheus Agent** in **Prometheus Operator**.
- Added robust **CEL-based validation rules** for Custom Resource Definitions (CRDs) with comprehensive runtime fallback mechanisms and extensive test coverage for DaemonSet configurations.
- Expanded **AlertManager** by implementing **RocketChat integration** in the **AlertManagerConfig CRD**.

Hooman Digital

April 2025 – Present

DevOps Engineer: Docker, Golang, Terraform, Ollama, vLLM, LLMs, MLOps, Jinja

Intern · Remote

- Architected and deployed **GPU-accelerated LLM infrastructure** using **vLLM** and **Docker**, enabling scalable inference for production workloads with optimized CUDA memory management.
- Developed **OpenAI-compatible API server** using **Ollama** and **FastAPI**, implementing GPU optimization with automatic CPU fallback mechanisms for enhanced reliability.
- Built and published** a production-ready **Terraform provider** using **Go**, integrating with **Nosana CLI** to automate deployment of GPU-accelerated containers on decentralized infrastructure.

WeCofy

Dec 2024 – Apr 2025

Full-Stack Developer: Next.js, Node.js, Express, MongoDB

Intern · Remote

- Contributed to **Juristo**, an **AI-powered legal platform**, enhancing accessibility and scalability through full-stack feature development.
- Built a **developer API service** with subscription-tier logic, dynamic **rate-limiting**, and integrated **ZeptoMail & Firebase Cloud Messaging** for transactional emails and real-time notifications.

PROJECTS

Lumine | *Go, TypeScript, AWS, Terraform, GitHub Actions, Prometheus* [Link]

🌐 [Code](#)

- Built an **interactive CLI tool** to bootstrap **CI/CD, infrastructure, and monitoring** workflows for developers and startups.
- Integrated **AWS services** with **Terraform** and automated pipelines using **GitHub Actions & Jenkins** for provisioning, builds, and deployments.

CodeBrewery | *Go, Docker, Kubernetes, GitHub Actions, TypeScript* [Link]

🌐 [Code](#)

- Developed an **online IDE** with a **Go-based microservices backend**, enabling multi-language code execution.
- Implemented **Docker** containerization and **Kubernetes** orchestration with CI/CD automation on **GitHub Actions**.

EXTRACURRICULAR

Winner, Grand prize: Placed **1st** among 1965 participants at NITK Hackverse 5.0 hackathon.

2nd Runner Up: Placed **3rd** amongst 1200 participants at Sandbox, the cybersecurity hackathon.

Selected: Among **40 students** nationwide for the **ACM Summer School** at **IIT Bombay**.

2nd Runner Up: HackSprint, part of Ignite 2.0