

# Dhruv Puri

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## EDUCATION

### Dayananda Sagar College of Engineering

B.E. Information Science

Sept. 2023-2027

CGPA: 9.33

## SKILLS

**Languages:** Java, Go, Typescript, Python

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

**Tools:** Linux, Git, ArgoCD, AWS, Terragrunt, Terraform, Docker, Kubernetes, Quickwit, Github Actions

## EXPERIENCE

### Aspora (YC W22)

DevOps Engineer: Kubernetes, Terragrunt, Vector, Quickwit, Kyverno, KEDA, AWS EKS      Nov 2024 – Present  
Onsite · Bangalore

- Architected production **EKS cluster** with **GitOps workflow** using **ArgoCD** and managing observability (**Vector**, **Quickwit**, **Grafana**, **Datadog**), security (**Kyverno**), and pod autoscaling (**KEDA**).
- Designed and deployed **Kong Gateway** with custom Lua JWT plugin for production API traffic, implementing inline token verification, scope-based authorization, and rate limiting - eliminating external auth calls and reducing latency.
- Implemented environment isolation and **production-parity** QA testing environment, ensuring high availability and security across distributed infrastructure.

### Linux Foundation Mentorship - Kyverno

LFX Mentee at CNCF: Kyverno : Go, Kubernetes, Policy-as-Code, Kyverno      Aug 2025 – Dec 2025  
Remote · San Jose, USA

- Implemented **namespaced variants** of **Kyverno's CEL-based policy types**, enabling namespace owners to define and manage policies without requiring cluster-wide privileges.
- Designed and developed namespace-scoped **ValidatingPolicy**, **ImageValidatingPolicy**, **MutatingPolicy**, **GeneratingPolicy**, and **DeletingPolicy** resources, extending Kyverno's policy model beyond cluster-level enforcement.

### Google Summer of Code - Prometheus Operator

Contributor at Prometheus Operator : Go, PrometheusAgent, DaemonSets, CEL      May 2025 – Sep 2025  
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

DevOps Engineer: Docker, Golang, Terraform, vLLM, Ollama, MLOps      Apr 2025 – Sep 2025  
Intern · Remote

- Optimized **Dockerized environments** for **GPU-accelerated workloads**, focusing on resource constraints and system performance.
- Authored a production-grade **Terraform provider** in **Go**, automating GPU container deployment on decentralized infrastructure.

### WeCofy

Full-Stack Developer: Next.js, Node.js, Express, MongoDB      Dec 2024 – Apr 2025  
Intern · Remote

- Enhanced **Juristo**, an **AI-powered legal platform**, through full-stack feature development improving scalability and accessibility.
- Built a **developer API service** with subscription tiers, dynamic **rate-limiting**, and integrated **ZeptoMail** & **Firebase Cloud Messaging**.

## PROJECTS

### Lumine | Go, TypeScript, AWS, Terraform, GitHub Actions, Prometheus

 [Code](#)

- Built an interactive **CLI tool** to bootstrap **CI/CD**, **infrastructure**, and **monitoring** using Go, Terraform, and GitHub Actions.

## ACHIEVEMENTS

**Finalist, Smart India Hackathon 2025:** Placed 1st amongst 820k participants.

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