

Dhruv Puri

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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, Terragrunt, Terraform, Docker, Kubernetes

EXPERIENCE

Aspora (YC W22)

Nov 2025 – Present

DevOps Engineer: Terragrunt, Terraform, AWS

Onsite · Bangalore

- Provisioned a dedicated **QA AWS account** using **Terraform and Terragrunt**, enabling isolated, production-like testing environments.
- Designed **cross-account VPC peering** between QA, Dev, and Atlantis accounts to securely share **S3 buckets and databases**.
- Architected **multi-environment AWS infrastructure (QA, Stage, Prod)** and enforced a structured **Dev → Stage → Prod** release lifecycle.

Linux Foundation Mentorship - Kyverno 🔗

Aug 2025 – Present

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

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.
- Integrated **RBAC-aware policy evaluation** to ensure correct authorization, isolation, and lifecycle management for namespace-scoped policies.

Google Summer of Code - Prometheus Operator 🔗

May 2025 – Sep 2025

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

Apr 2025 – Sep 2025

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

Intern · Remote

- Deployed **GPU-accelerated LLM infrastructure** with **vLLM** and **Docker**, enabling scalable inference and optimized CUDA utilization.
- Authored a production-grade **Terraform provider** in **Go**, automating GPU container deployment on decentralized infrastructure.

WeCofy

Dec 2024 – Apr 2025

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

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 [Link]

🔗 Code

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

EXTRACURRICULAR

Finalist, Smart India Hackathon 2025: After being selected amongst 8.2L participants

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

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