

# Dhruv Puri

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## EDUCATION

**Dayananda Sagar College of Engineering**

*B.E. Information Science*

Sept. 2027

CGPA: 9.58

## SKILLS

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

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

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

## EXPERIENCE

**WeCofy**

December 2024 – Present

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

*Intern · Remote*

- Worked on **Juristo**, an **AI-powered legal platform**, building features to improve accessibility and scalability.
- Developed a robust **developer API service** with subscription-tier logic and a **rate-limiting** based on subscription levels, supporting seamless third-party integrations.
- Integrated **ZeptoMail** for transactional emails and **Firebase Cloud Messaging (FCM)** for real-time notifications, improving communication workflows.

## PROJECTS

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

 **Lumine**

- Developed an **interactive CLI tool** to automate DevOps workflows, allowing startups and developers to set up basic **CI/CD, infrastructure, and monitoring**.
- Integrated **AWS services (ECR, ECS, S3, EKS)** using **Terraform**, enabling automated infrastructure provisioning and deployment to Dockerhub.
- Set up a basic **monitoring** template generation using **Prometheus**, providing real-time infrastructure tracking and alerting.
- Implemented **CI/CD pipeline automation** with **GitHub Actions** and **Jenkins**, streamlining build, test, and deployment workflows. [\[Link\]](#)

**CodeBrewery** | *Golang, Docker, Kubernetes, GitHub Actions, TypeScript*

 **CodeBrewery**

- Developed a cutting-edge online IDE allowing users to **write, compile, and run** code across multiple languages, leveraging a **microservices architecture** with **Go** for the backend.
- Employed **Docker** for **containerization** and **Kubernetes** for orchestration, ensuring seamless deployment and scalability.
- Set up **CI/CD** pipelines with **GitHub Actions** and **YAML** to automate testing and deployment, improving development efficiency. [\[Link\]](#)

## OPEN SOURCE CONTRIBUTIONS

**Prometheus Operator (CNCF)** | *Golang, GitHub Actions, CI/CD, actionlint*

Nov. 2024

- Added support for **RocketChat** as a notification receiver in AlertManagerConfig CRD. [\[PR\]](#)
- Refactored the **OVHCloudSDConfig** validation logic as part of ScrapeConfig API refactor, ensuring compliance with Prometheus version requirements and improving test coverage for unsupported field handling. [\[PR\]](#)
- Enhanced CI/CD reliability by implementing a **GitHub Actions workflow linter** using **actionlint**, ensuring accurate and consistent YAML configurations. [\[PR\]](#)

**KCL Programming Language (CNCF)** | *Rust, Crypto*

Oct. 2024

- Added support for **filesha512** and **fileblake3** hashing functions by contributing to the crypto module of the KCL programming language, significantly enhancing its **cryptographic capabilities**.
- Implemented efficient file hashing operations with robust error handling, improving reliability and performance across diverse file types. [\[PR\]](#)

## 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.

**2nd Runner Up:** HackSprint, part of Ignite 2.0

**2\* at Codechef:** Rating: 1414