

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 platform** providing **legal guidance** to the general public.
- Designed and implemented a scalable **developer API service** enabling third-party integration with **Juristo's AI features**, tailored to various subscription tiers.
- Integrated advanced **rate-limiting mechanisms**, ensuring optimized usage for different subscription models while maintaining system **performance** and **reliability**.

PROJECTS

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.
- Implemented thorough testing for backend services in **Go** and frontend components in **Jest** to maintain code quality.
- Configured **Docker Compose** for local development, streamlining project setup. [\[Link\]](#)

KisanSetu | *Node.js, Express, WebSocket, Solidity, Docker, Firebase*

 [KisanSetu](#)

- Developed a blockchain platform for secure contract farming agreements between farmers and buyers.
- Integrated **smart contracts** in **Solidity** for transparent and reliable transactions.
- Implemented features like **real-time price negotiation**, **direct communication**, and **automated payments**.
- Deployed the application with **Docker** and used **Firebase** for authentication and data management. [\[Link\]](#)

OPEN SOURCE CONTRIBUTIONS

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

Nov. 2024

- Refactored the **OVHCloudSDConfig** validation logic as part of the ongoing 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