Dhruv Puri

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EDUCATION

Dayananda Sagar College of Engineering Sept. 2027
B.E. Information Science *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, AWS (ECR, ECS, EKS, S3, CloudWatch), 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

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 reciever 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