Dhruv Puri

Portfolio | github.com/slashexx | linkedin.com/in/dhruvpuri-slashex | dhruvpuri.35@gmail.com

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, 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 | *Go, React, Docker, Kubernetes, GitHub Actions*   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) | *GitHub Actions, CI/CD, actionlint*   Nov. 2024

- Enhanced CI/CD reliability by implementing a **GitHub Actions workflow linter** using **actionlint**, ensuring accurate and consistent YAML configurations.
- Resolved existing issues across multiple workflows, including end-to-end testing, publishing, and unit test pipelines, improving overall CI stability and maintainability. [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: at Hackverse, held at NITK.

2nd Runner Up: Capture the Flag Competition hosted by Point Blank

2nd Runner Up: HackSprint, part of Ignite 2.0

2* at Codechef: Rating: 1414