Dhruv Puri

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EDUCATION

Dayananda Sagar College of Engineering — Sept. 2027
B.E. Information Science — *CGPA: 9.57*

SKILLS

Languages: Java, Javascript, HTML/CSS, Python
Frameworks and Libraries: Node.js, Express, Next.js
Tools: Linux, Git, GitHub, Firebase, Docker, Kubernetes

OPEN-SOURCE CONTRIBUTIONS

KCL Lang (CNCF) | *Rust, Crypto* — Oct. 2024
- Added support for **filesha512** and **fileblake3** hashing functions 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.

TipoHiZ | *TypeScript, Husky, ESLint* — Oct. 2024
- Upgraded **ESLint** to the latest version, making necessary adjustments to ensure compatibility.
- Set up **Husky** for pre-commit checks, improving code quality and development workflow.
- Managed dependencies to address **issues from migration**, ensuring project stability.

VLearnUp E-Learning Hub | *React, Python, Gemini* — Oct. 2024
- Contributed to an open-source **e-learning platform** during **Hacktoberfest 2024**.
- Integrated an **AI chatbot** and developed backend logic in **Python** for handling user queries and responses.

PROJECTS

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]

Pawsitivity | *Node.js, Express, Firebase* — Pawsitivity
- Developed a web platform that connects users with adoptable animals, featuring profile postings and photos.
- Integrated an **AI chatbot** to assist users with pet recommendations and inquiries.
- Implemented **user authentication** and **photo uploads** for enhanced interaction. [Link]

ConnectAble | *Node.js, Express, Firebase* — Connectable
- Developed a web platform to empower the **specially abled community** by enabling users to **host events** and **connect** in a supportive space.
- Integrated **user authentication** and **Stripe** for donations. [Link]

EXTRACURRICULAR

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

Winner: Clone Wars Competition held by CSE department, DSCE.

2nd Runner Up: HackSprint, part of Ignite 2.0

2* at Codechef: Rating: 1414