

HARSH GUPTA

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SUMMARY

Passionate developer with one year of hands-on experience creating efficient and scalable applications. Solid foundation in Blockchain, Data Science, and Machine Learning, with a keen enthusiasm for applying knowledge to innovative projects. Adaptable and collaborative, thrives in dynamic environments, leveraging continuous learning to tackle complex challenges and drive success.

EDUCATION

Shri Ramdeobaba College of Engineering and Management **2024**
B.Tech. - CSE (Data Science) — CGPA: 8.85/10

Tuli Public School, Nagpur **2020**
12th — CBSE — Percentage: 76.20/100

Mount Litera Zee School, Nagpur **2018**
10th — CBSE — Percentage: 82.67/100

SKILLS

Web Development	ReactJS, NextJS, HTML, CSS, JavaScript, TypeScript
Backend and Database:	NodeJS , Express , MongoDB , SQL , REST API
Additional Technologies	Git , Python , Java , Machine Learning , Blockchain , Solidity

EXPERIENCE

Full Stack Developer Intern Sep 2023 - Present
ImmuneBytes

- Developed Capture the Flag (CTF) platform, enabling skill enhancement for Security Researchers and Engineers transitioning to Web3.
- Led frontend development for ImmuneLite, an AI-powered Vulnerability Detection Tool for Smart Contracts.
- Bridged frontend and backend to create intuitive user interfaces for CTF and ImmuneLite.

Research Intern Oct 2022 - Jan 2023
NVIDIA CENTRE, Centre of Excellence in AI & DL

- Acquired hands-on experience in Natural Language Processing (NLP) and applied Machine Learning techniques.
- Executed projects involving text pre-processing, honing skills in feature extraction for NLP applications.
- Engaged in various projects, gaining practical insights into diverse aspects of NLP and Machine Learning.

PROJECTS

PerkVenue ([Link](#))

Key Skills: NextJS, NodeJS, Rest API, JavaScript, MongoDB, Express, Blockchain

- Led the development of PerkVenue, a cutting-edge digital platform using blockchain technology to transform reward point exchange systems.
- Spearheaded blockchain integration, API development, and contributed to Frontend, enabling businesses to seamlessly utilize NFTs and tokens as customizable reward points without coding expertise.
- Resulted in the creation of a revolutionary platform, empowering businesses to enhance customer loyalty through transparent and efficient reward programs, all facilitated by blockchain technology.

Exoplanet Hunting using Machine Learning ([Link](#))

Key Skills: Machine Learning, NumPy, Pandas, Scikit-Learn, Matplotlib, Logistic Regression, Decision Trees, Gradient Boosting, Seaborn

- Leveraged NASA's Kepler Space Telescope data to detect exoplanets beyond our solar system, with a focus on identifying habitable zone candidates.
- Utilized sensitive flux measurements and open-sourced data from the Mikulski Archive to analyze potential exoplanetary conditions conducive to supporting life.
- Project aims to contribute to the discovery of Earth-like worlds while emphasizing the importance of resource conservation on our own planet.

ACHIEVEMENTS

- **ETHIndia'23 Hackathon ([Link](#))** Dec 2023
 - Secured victory in the "Best use of Account Abstraction and Base Paymaster" track and won prize of \$2500 with my project **Soirée**.
- **HyperHack 2.0 ([Link](#))** Sep 2023
 - Triumphed in the "Best DeFi" track with the project **Invoicify** at HyperHack 2.0 hackathon organised by Hyperlane.
- **HackFS Hackathon ([Link](#))** Jun 2023
 - Emerged as the winner in tracks "Push Protocol — Best use of Push SDK" and "Push Protocol — Top 20" and won prize of \$850 with the project **MintLock**.
- **Scaling Ethereum Hackathon ([Link](#))** Mar 2023
 - Claimed victory with the Polybase Pool Prize and a top 10 placement in the Push Protocol category with the **NiftyPerks** project.
- **ETHforAll Hackathon ([Link](#))** Feb 2023
 - Captured the "Push Protocol: Best User Experience" track and won the prize of \$1000 with **MusicChain** project.
- **Next Video Build Hackathon ([Link](#))** Jan 2023
 - Secured the runner-up position in the Push Protocol challenge and earned combined prizes of \$360+ with the project **LiveStreamer**.
- **ETHIndia'22 Hackathon ([Link](#))** Dec 2022
 - Clinched combined pool prize of \$600+ from NFTPort, Covalent, Push Protocol, and Valist with the project **NFTFier**.

EXTRA-CURRICULAR ACTIVITIES

- Speaker at Proof of Community by Shardeum. Jul 2023
- Technical Head at Blockchain RCOEM Chapter. Mar 2023 - Jun 2023
- Web Developer at Geeks For Geeks RCOEM Chapter. Sep 2022 - Mar 2023

CERTIFICATIONS

- **PCAP: Programming Essentials in Python by Cisco**
Key Skill: Python
- **JavaScript Essentials 1 by Cisco**
Key Skill: JavaScript