

PRIYANSHU RATURI

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Education

Graphic Era Hill University

Bachelor of Technology in Computer Science

Dehradun, Uttarakhand

KV IMA

XII - CBSE

Dehradun, Uttarakhand

Baluni Public

X- CBSE

Dehradun, Uttarakhand

Coursework / Skills

- **Blockchain**
- **DevOps**
- Shell Scripting
- **Full Stack Dev**
- Data Structure and Algorithms
- **Cloud Computing**
- Operating System & Networks

Projects

DexSwap | *React, JavaScript, Typescript, Liquidity Pool, Express.js, Node.js, Web3.js, IDE- VS Code* **Sep 2024 – Present**

- Developing a decentralized exchange (DEX) currently supporting 2 swaps BNB and USDT, with plans to expand to other tokens.
- Implementing secure C2C swaps and working on adding P2P fiat-crypto trading to manage 14 Billion Dollar Volume of Indian funds.
- Working on making this dex a hybrid exchange where a liquidity pool can be created same like in cex
- Our target is to integrate our platform with directly telegram mini app for users Convenience

Stock Screener | *Python, YahooFinance, MA, RSI, Vol, IDE:- Jup Lab* **Jul 2023 – Nov 2024**

- Worked on a comprehensive python script using **Yahoo Finance** to do a **real time live data analysis** same like **HFT** and outputs the stocks based on my trading strategy.
- Codebase is written in **Python** to find out the stock following that strategy given by user
- Multithreading used in it is responsible for analysis of **2000+** NSE stocks within **1 minute**

Blockchain Prototype | *Python, Flask, Postman, API, IDE:- PyCharm* **Feb 2024 – May 2024**

- Developed a prototype of blockchain functions using Python, Flask and Postman API
- Showcasing how the miner **verify crypto transactions** and blocks get's added in a blockchain
- This prototype showcase **Proof of Work** mechanism in a blockchain on a local host to have a demo of how **Genesis** and further blocks gets generated

Technical Skills

- Languages:** Rust, Python, C/C++, JavaScript / TypeScript, Shell Scripting
- Developer Tools:** VS Code, Remeix, Docker, Kubernetes, Postman, Jupyter Lab
- Technologies/Frameworks:** Linux, GitHub, ReactJS, NextJS, NodeJS, ExpressJS, GraphQL, Git, MongoDB, ,Firebase, Web3JS
- Deployment Platforms:** Vercel, Netlify, AWS Ec2, GCP
- Analytical Skills:** Analytical Thinking, Problem Solving, Logical Thinking, Data Analysis

Extracurricular

Google Developer Student Clubs - GEU **Aug 2023 – Oct2023**

Member

- Championed the **Google Cloud** Study Jam with GDSC GEU, qualifying as one of the **top 80** participants.
- Worked on Google Cloud Consol for technologies like LLM's, GenAI, Compute Engine, Load Balancer's, MI

SIH Hackathon

Sept 2024 – Present

Team Leader 2024

- Worked on a problem statement given by **Narcotics Control Bureau** to find the end **receiver of a crypto** currency.
- Our proposed solution directly going to **impact majority of Indian** Crypto Trader, Investors helping NCB to verify chain transaction

Research Paper & Patent

Working

- Working on publishing my Research Paper where I have worked on making the integration of pattern recognition model training with the glide typing.
- Gliding typing patterns of each user's will be trained on particular device for particular user based on their behavior, result in increased typing speed by almost **100%** (Tested with sample of different people)

Position of Responsibility

Escrow Facility



2023 – Present

Founder

Dehradun, Uttarakhand

Providing Liquidity & Escrow Facility for Crypto-Fiat (**P2P**) to Client all **across India**

Listing Partner

2023 – Present

Bitmart

Dehradun, Uttarakhand

Finding suitable Projects for Bitmart Exchange to List them and open trading for them in their Exchange

Portfolio Manager

2024 – Present

Advisor

Dehradun, Uttarakhand

Managing Funds for multiple HNI's particularly in Indian Stock Market (IPO's, Stocks and Hedging Strategies)