Varun L

Mumbai

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Education

Birla Institute of Technology and Science, Pilani   **2020**
Bachelor of Engineering in Computer Science   *Pilani, India*

Experience

Spicenet   **June 2024 – Present**
Senior Infrastructure and Protocol Engineer   *Remote/Dubai/Bangalore*

- Developing, testing and running World's first Layer 2 sovereign rollup on Celestia which enhances inter-operability between chains
- Optimised and Achieved 20ms execution latency, along with under 1 sec bridging using in-house intent based bridging protocol built on spicenet
- Responsible for managing multiple clusters of high performance servers running the rollup and APIs for high frequency perpetual trading on Spicenet

Proto   **December 2023 – June 2024**
DevOps Lead   *Remote/Dubai*

- Responsible for the storage, processing and optimization of terabytes of community and OpenStreetMap data on AWS
- Architecting automated scaling and provisioning of resources to optimize performance and cost for the company's API

SuperTeam   **Present**
Member, Glass Surfers Grant Recipient

- Ideating and building a self-hostable custom indexer to process and store events emitted by the Solana Blockchain
- Developing and maintaining a flutter package to extend the compatibility of Solana Mobile Wallet Adapter to iOS

Reliance JIO   **May 2023 – June 2023**
Full Stack Developer   *Mumbai, India*

- Built an application to centralize Toolbox Talk databases, ensuring access to employees across multiple levels.
- Integrated user authentication into the Reliance Group employee databases, to Infosec standards

CapX   **March 2022 – May 2023**
Blockchain Developer

- Spearheaded the development of CapX Mint, enabling the creation of 30+ new tokens with zero coding input
- Single-handedly ideated and implemented backend, DevOps and Verification Scripts for the CapX app, garnering a footfall of 140,000 users worldwide

Certification & Accolades

AWS Certified Solutions Architect − Associate   **June 2024**
Issued by Amazon Web Services   –

AWS Certified Developer - Associate   **Feb 2025**
Issued by Amazon Web Services   –

Projects

Trado | *Rust, AWS, Node*   **July 2021**

- Founded and built a SAAS which specialized in feeding processed and cleaned trading data to AI machines to help generate cleaner trades with lesser hallucinations
- Powered by superteam grant

Decentralized Biometric Authentication | *ZKP, Rust, Solidity*   **April 2023**

- Wrote and implemented an Academic paper on the feasibility of On-chain Fingerprint authentication using Zero Knowledge Proofs

Trading Bots | *Rust, AWS, Node, Python, TA-Lib, Tradingview*   **July 2021**

- Built, tested, backtested and deployed over 10 bots in the span of a year to trade various securities on various platforms like NSE, Jupiter, Hyperliquid etc

Technical Skills

Languages: Rust, TS/JS, Flutter, Solidity, Python, Java, C, C#, Vyper, Shell, NoSQL
Developer Tools: VS Code, Xcode, Android Studio, Bare metal servers
Technologies/Frameworks: Kubernetes, AWS, Docker, Node, MongoDB, SpecFlow, GitHub, Azure, GCP