Parth Verma
Full-Stack Developer

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Skills Summary

- **Languages:** C, C++, JavaScript, TypeScript, Rust, Solidity, , Motoko, sCrypt, HTML, Go
- **Frameworks and Tools:** CSS, GIT, React.js, Next.js, Node.js, PostgreSQL, Hardhat, Ethers.js, Foundry, Viem, Anchor
- **Platforms:** Windows, Linux
- **Soft Skills:** Public Speaking, Leadership, Time Management

Education

- **JK Institute of Applied Physics and Technology(JKIAPT)** — Prayagraj, India
  Bachelor of Technology - Computer Science; GPA: 8.9 — 2021 - Present

Experience

- **Full Stack Blockchain Developer** — Remote
  Freelance — Oct'24 - Present
  - Developed and integrated blockchain-powered features in a React.js and Node.js application, leveraging Solana Web3.js and Anchor, while optimizing data flow with dynamic WebSockets and efficient API integration.

- **Full Stack Developer @buildnboost** — Remote
  Freelance — Jun'24 - Oct'24
  - Developed an all-in-one ecosystem app, integrating **YouTube, Instagram, and podcast-like features.**
  - **Front-End**: Developed UI with **React, Next.js, and Tailwind CSS**; enabled real-time features with **WebRTC, WebSockets**.
  - **Media & Backend**: Handled media playback with **Vidstack, Wavesurfer, and Quill**; integrated APIs using **Axios** and ensured data persistence with **Redux-Persist.**

- **Full-stack Application Developer @Legitt** — Remote
  Internship — Nov'23 - May'24
  - Implemented on-chain borrowing using Smart Contracts with tech stack: **Solidity, React.js, Express.js, Node.js**
  - Migrated **Web2 lending to Web3** with **DAOs**, **stablecoins**, and **NFTs**.

- **Full Stack Blockchain Developer @DecentraClasses** — Remote
  Internship — Sep'23 - Nov'23
  - Integrated **ERC721** and **ERC1155** token functionalities within smart contracts.
  - Contributed to developing the main product website, and actively engaged in projects involving **Shardeum and ICP** blockchain.

- **Blockchain Developer Intern @WNE3 Technologies** — Remote
  Internship — Jul'23 - Sept'23
  - Actively contributed to blockchain development projects, focusing on **Ethereum and Solana** technologies.
  - Applied blockchain solutions across diverse industries, particularly in **E-commerce**.

Projects

- **Blockchain-based eCommerce warranty system using NFTs** : Created a web-based application to replace the physical warranty and have a blockchain-based warranty using NFTs which will ensure authenticity and security. **(Tech: Ethereum Blockchain, Solidity, JavaScript, HTML and CSS.)**[Link]

- **Health Chain**: Developed Health Chain, an innovative blockchain solution allowing users to securely upload and share their medical records, eliminating the need for lengthy paperwork and queues. Additionally, integrated NFT functionality enhances data ownership for easy conversion and listing on marketplaces. **(Tech: React, Solidity, ethers.js, IPFS, Thirdweb SDK, Polygon Mumbai)** [Github]

- **RWA Star**: Created a smart contract enabling users to lend and borrow tokens using RWA tokens via Starlay's protocol. The contract acts as a bridge, allowing users to earn interest and borrow tokens within the Starlay ecosystem, enhancing RWA's utility in DeFi. **(Tech: React, CSS, Solidity, hardhat, Starlay Protocol, Typescript Thirdweb SDK.)** [Github]

Achievements

- **Web3 based Hackathon Winner** : Achieved second place in a highly competitive contest for developing a cutting-edge De-Fi project focused on RWA tokens lending and staking protocol. (Feb'24)
- **Top Contributor at TSOC** : Selected as one of the top 1% contributors for Timechain Summer of Code '23, with an invitation for an onsite visit.

Volunteer Experience and Leadership Roles

- **Blockchain Lead, Google Developer Student Clubs(GDSC), JKIAPT** — Prayagraj, India
  Fostering learning and innovation in Blockchain technology among fellow students. — Aug,23 - July,24