

Varun Sharma

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Work Experience

Back-End Developer	GlobalLogic, Noida	July 2022–Present
<ul style="list-style-type: none">Developed robust REST APIs using Java, Spring Boot, MongoDB, and AWS, ensuring seamless integration and scalability.Implemented ClamAV-based virus scanning, quarantining and deleting infected files, enhancing security in the project.Worked along with UI developers to implement a mechanism enabling end-users to directly upload files to S3 buckets via AWS pre-signed URLs, eliminating the 30MB limit imposed by API Gateway.Managed on-call duties, promptly resolving production bugs and issues to maintain system functionality, and implemented efficient strategies, minimizing downtime and optimizing system performance.Improved code efficiency through optimization, refactoring, resolving bugs, reducing code smells and increasing code coverage through JUnit test cases, ensuring robustness and reliability.		

Technical Skills

- Programming Languages:** Solidity, JavaScript, Java, Python, C++.
- Libraries/Frameworks:** React, HardHat, Remix IDE, Node.js, Ethers.js, IPFS, Alchemy, ChakraUI, SpringBoot.
- Databases and Tool/Platforms:** MongoDB, MySQL, Postman, AWS, Git/GitHub, Netlify.

Projects

- HedgeInsurX ([Live](#) | [GitHub](#)) :** **Oct 2023-Jan 2024**
 - A safe and secure platform that generates **Optimized Returns** on users liquidity through **deFi Strategies**. These strategies analyze **Interest Rates and Fees** on different protocols like **AAVE, Compound, Uniswap** etc and then deposit the liquidity according to get better **Yield**.
 - Users can also purchase **Insurance** that protects them from all the types of **On-chain Risks** and the complete process of **Claim Verification & Transferring Funds** is done using **Polygon ID's** and **Zk-Proofs**. Integrated **ChainLink's CCIP** for implementing **Cross-Chain Asset Transfers**.
 - Tech Stack** - Solidity, Remix, Hardhat, JavaScript, Chai, ThirdWeb, React, Ethers.js, Node.js, Alchemy, Polygon ID, CCIP, aave/protocol-js, compound-js, uniswap/v3-sdk & sdk-core, Chakra-UI.
- Lens Mind ([Live](#) | [GitHub](#)) :** **Feb 2023-April 2023**
 - A **Decentralized Social Media** built using **Lens-Protocol**, here users can **Create/Edit** their Profile, Create Posts, View and Interact with others posts and organize **Meeting Rooms**, while having full **Ownership and Control** over their **Data**.
 - Tech Stack** - Node.js, JavaScript, Ethers.js, React, CSS, GraphQL, Lens-Sdk, ThirdWeb, Huddle01.
- Mintly ([Live](#) | [GitHub](#)):** **Jan 2023-Feb 2023**
 - An **NFT Marketplace** on Mumbai network that allows Artists to convert their Digital Content like Art, Music, Videos, Podcasts, Tickets etc into **Non-Fungible Tokens(NFT's)** using **ERC-1155** token standard and list them for sale. They can also purchase other people's content.
 - Tech Stack** - Solidity, Remix, HardHat, JavaScript, React, Chai, Ethers.js, Node.js, ERC-1155, ThirdWeb, CSS.
- Care Share([Live](#) | [GitHub](#))** **Jun 2023-Aug 2023**
 - A **Decentralized Healthcare** dApp that allows Patients & Doctors to connect with each other for booking **Appointments and Consultations**. Patients data is completely **Secured and Tamper Proof** on the network and can be accessed with ease from anywhere. Doctors can also consult online by Organizing **Meeting Rooms**.
 - Tech Stack** - Solidity, Remix, HardHat, JavaScript, React, Ethers.js, IPFS, ThirdWeb, Huddle01, CSS.

Education and Certifications

- B.Tech in Electronics & Communication, ECE (CGPA: 8.24),** JSS Academy of Technical Education, Noida. **2018–2022**
- 12th (88.4%),** Dewan Public School, Hapur. **2016–2017**
- 10th (CGPA: 9.6),** Dewan Public School, Hapur. **2014–2015**