SHIV SHARMA

shivsharmavictory@gmail.com | +918887588743 | Kanpur, Uttar Pradesh

Linkedin | GitHub | HackerRank | Portfolio | CodeChef

EDUCATION

HARCOURT BUTLER TECHNICAL UNIVERSITY   Kanpur, Uttar Pradesh
Bachelors Chemical Technology   Aug 2017 - Jun 2021

EXPERIENCE

Zeeve | Senior Software Engineer   Remote | Sep 2021 - Present
- Authored and deployed Solidity smart contracts, specialized in upgradeable contract patterns, meta transactions (ERC2771), account abstraction (ERC4337) and multisig wallets (Safe Global).
- Developed bespoke wallets, faucets and explorers for custom blockchains, enhancing user interaction and on-chain transparency for decentralized networks.
- Engineered decentralized application backends, integrating DevOps practices for reliability, leveraging Ethers.js and Web3.js for blockchain interaction.
- Demonstrated expertise in diverse blockchain protocols (Ethereum, Polygon, Polkadot, Solana, Tron, BSC), innovatively developed data indexers (Cosmos, Avalanche) and L2 chains using Polygon CDK.
- Proficient in various token standards and contract verification methodologies, ensuring project integrity and reliability. Also developed wallets and explorer's for private chains.

Cognizant | Intern   Remote | Jan 2021 - Jul 2021
- Worked with a team of six members and build a Resume Builder using ASP.NET MVC Technology.
- I have developed the Controller Part of the application with their views and Integrated it with the SQL Server using Entity Framework. The application was used by all internship trainees of my batch (2021).

SKILLS

Programming Languages:	Javascript(Proficient), Solidity, Rust, C++, SQL, Python
Libraries/Frameworks:	NodeJs, Ethers.js, Web3.js, Openzeppelin, Polygon CDK, Hardhat, Remix, Substrate, React, Express, GraphQL, ASP.Net, Kafka, Swagger, Subql
Tools/Platforms:	Docker, Pm2, Git, Aws (EC2, Lambda, API Gateway, KMS), Nginx, Postman
Databases:	MySql, PostgreSQL, MongoDB (Mongoose), Redis (Cache), RDS

PROJECTS / OPEN-SOURCE

Decentralized Drive | Link   *Solidity, React, Openzeppelin, Pinata, Ethers, Bootstrap*
- The platform allows users to securely upload images, which are stored using the InterPlanetary File System (IPFS) for robust and decentralized data storage.
- Using Solidity, a smart contract ledger is created and deployed on the Polygon Amoy testnet to store critical IPFS image hash details, ensuring secure and immutable record-keeping.
- A React-based dashboard provides seamless access to all uploaded images, integrating wallet-based sign-in for enhanced security. Users can effortlessly share images with others by utilizing account addresses, promoting a secure and user-friendly image-sharing experience.

Virtual Classroom | Link   *NodeJs, Express, Jwt, Aws, MongoDB, Mongoose*
- I created a rest API for remote classroom purposes where teachers can create the assignments for the students and students can submit their assignments. For authentication purposes, JWT is used.
- Teachers can view the status of all assignments on their dashboards on the filter "Scheduled and Ongoing," and students can view all assignments on their dashboard on the filter "Submitted, Pending, and Overdue." Assignments can only be created, updated, and deleted by the teacher.

HONORS & AWARDS

- Secured 177 and 1790 global ranks on CodeChef in September and August Long Challenges 2020.
- Recognized by R. K. Trivedi, Head of the Oil Technologist Association of India, for the development of a comprehensive primary website catering to the needs of over 10,000 Oil Technologists nationwide.
- Won 2 coding competitions organized by college coding in the first year of my college.
- Participated in open source contribution events such as Hacktoberfest and NJACK Winter Of Code.