AMAN KUMAR | making people more lazy and secure

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EXPERIENCE

Digichain (Bima Labs – DeFi Protocol) | Smart Contract Developer   Aug 2024 – Aug 2025

- Implemented **UUPS upgradable smart contracts** using the Succinct Protocol to enable on-chain verification of off-chain zero-knowledge proofs (**ZKPs**) **View Code**
- **LayerZero v2** – configured messaging, DVN and Foundry script for debugging and testing **View Scripts**
- Integrated **Chainlink CCIP** to enable lock/unlock mechanism for cross-chain transfers of USBD, and documented a comprehensive README guide **View Guide**
- **PSM -** implemented core logic, wrote unit and fuzz tests in Foundry, raising **code coverage to >95% #PR 130**
- Optimized Hardhat deployment scripts and added **automated contract verification** as part of the deployment process**,** enable **one-command deployment + verification #PR 132**
- Deployed to 20+ chains, managed troves and **debugged oracle and price-feed** integrations **View Scripts**

One World Nation | Chart Analyst & Moderator   Oct 2022 – Aug 2023

- Conducted live crypto chart reading sessions for 5000+ members, leading to a **33% increase in engagement** and **25% faster response** time with improved user satisfaction.

PROJECTS

Stablecoin | Solidity | Foundry | GitHub | Sepolia Testnet

- Users can deposit WETH and WBTC in exchange for a token that will be pegged to the USD.
- **Liquidation function** with bonuses to incentivize liquidation of under-collateralized positions.
- Wrote **30+ Foundry unit tests** covering liquidation & collateral logic

Smart Contract Raffle | Solidity | Foundry | GitHub | Sepolia Testnet

- Developed a blockchain lottery smart contract that ensured randomness by utilizing **Chainlink VRF** and **Chainlink automation** for seamless smart contract execution.
- Enabled flexible cross-chain deployment and conducted comprehensive testing using mock Chainlink tokens for robust contract performance.

HACKATHONS

FutureStack Gen AI Hackathon| Solo | GitHub | Live Demo | Demo Video

- My Invoice NFT **- full-stack NFT invoice DApp** with tested, gas-optimized Solidity contracts
- **AI-assisted** frontend integrated with IPFS & polygon chain

Solana Privacy Hack | Solo | GitHub | Live Demo | Demo Video | PPT Video

- **WalletSpy** scores wallets, reveals privacy risks, and analyzes on-chain behavior
- Gamified learning guide teaches users to understand and improve wallet privacy

TECHNICAL SKILLS

Languages : Solidity, Java, Python, JavaScript, Rust (Basic)

Tool & Testing : Foundry, Slither, Hardhat, Unit Testing, Fuzz Testing,

Others : EVM, NFTs(ERC-721), ERC-20, DeFi, Chainlink, LayerZero, UUPS, Github, Oracle, EIPs

EDUCATION

- Government Engineering College Khagaria | B.TECH | CSE | 2022-26 | CGPA: 8.74

ACHIEVEMENT & CERTIFICATION

- Won 1st prize in Ideation Challenge organized by department of Industries in college
- Blockchain and Its Application | NPTEL | May 2025 | **Certificate**