Skills

Smart Contracts
Solidity

Python

JavaScript/Typescript

Libraries/APIs

Web3.js

ethereum.js

Node.js

Education

NIT Karnataka
M.Tech. - Information Security (C.S.E.)
2014 – 2016
CGPA - 7.0

NIT Meghalaya
B.Tech - Computer Science and Engineering
2010 – 2014
CGPA - 6.91

Languages

Telugu

Hindi

English

Interests

- Solving SUDOKU

Vatti Praveen Kumar

04 Jun 1993 vattipraveen565@gmail.com
+91 6301478853 @vattipraveen @VattiPraveen
@_VattiPraveen_

Profile

Experienced Blockchain Developer with proficiency in Solidity and the Hardhat environment. Skilled in developing smart contracts and writing test cases on EVM based blockchains. Interested in expanding my knowledge and developing expertise in enterprise blockchain technologies, particularly Hyperledger Fabric. Looking for opportunities to apply my skills and contribute to innovative blockchain projects

Professional Experience

Associate Blockchain Developer
Rapid Innovation
Jul 2022 – Mar 2023 | Noida, India

- Worked on Ethereum and Pulsechain EVM based blockchains
- Developed staking and strategy smart contracts for WinWin finance, a lottery-based DeFi project
- Wrote unit test cases and fuzz test cases in Hardhat environment
- I have studied and worked on ERC20, ERC721, and DeFi protocols like Uniswapv2, Compound protocol, Autofarm etc..
- Got familiar with Hardhat and Git usage.

Network Analyst
Oracle India pvt. Ltd.
Jul 2016 – Dec 2017 | Bangalore, India

- Automated the creation of firewall policies for the Oracle Cloud Environment
  - Programming language: python
  - To open communication between applications that are under different subnetworks/Datacenters, appropriate policies are added to the firewall policies list. Automation reduced the policies creation time from weeks(manual) to hours.
- Maintenance of Oracle Cloud Network and network devices.

Projects

WinWin
It is a DeFi app where users can earn daily yield and win prizes (lottery) in popular PulseChain assets.
Nov 2022 – Feb 2023

- Did research on multiple PulseChain assets and their staking pools.
- Wrote smart contracts for staking pools and strategies for different tokens.
- Wrote unit and fuzz test cases for the same.

A New Homomorphic Hashing Algorithm to Check Data Integrity in Cloud
2015 – 2016

- Homomorphism enables users to perform operations on encoded data. Hashing is used to verify data integrity. This algorithm uses the best of both homomorphism and the Hash techniques. The algorithm uses matrix multiplication to generate the homomorphic hash, which is used in checking the integrity of data in the cloud.