Naga Nithin G
Blockchain Developer| Solidity Developer
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EXPERIENCE

Sustainability Economics – Bengaluru, Karnataka
Blockchain Developer (Full time role)   *Mar 2023 – Present*
- Designed a blockchain marketplace product for TAM of $2 billion.
- Designed and implemented the in-house Fiat-to-Crypto OnRamp for the marketplace.
- Worked on Real World Asset Tokenization like Financial and Real Assets.
- Lead a team in Domain for product development.

EnigmaSoft Technologies – Goa
Solidity Developer (Full time role)   *Aug 2022 – Feb 2023*
- Worked and developed smart contracts on ETH 2.0 Staking project.
- Tested and solved 19 bugs in Smart Contracts.
- Worked on NFT Marketplace and contributed in smart contracts and IPFS server setup.

The Crypto TDLR – Andhra Pradesh
Crypto Research and Writer (Paid Internship)   *Oct 2021 – Dec 2021*
- Authored blogs on topics such as Crypto mining, NFT and Web3.
- Published 23 articles in 30 days of time.
- Brainstormed with co-writers in paraphrasing 12 articles.

SRM University AP – Andhra Pradesh
Blockchain Developer (Student and Full time Role)   *Jun 2021 – Oct 2021*
- Worked as a research intern for the topic Supply chain management using Blockchain and IoT.
- Published research paper on the topic "Global Vaccination tracking system using Blockchain and IoT" in 7th IEEE International Symposium on Smart Electronic Systems (iSES).
- Developed project on Polygon network with minimum gas fee.

Chain Labs – Andhra Pradesh
Solidity Developer (Paid Internship)   *Oct 2021 – Nov 2021*
- Developed Whitelist Smart contracts.
- Implemented on Web3.js for connecting frontend with smart contracts.
- Reduced gas fee of the whole project by 2%.

HOP Chain – Andhra Pradesh
Blockchain Developer (Paid Internship)   *Aug 2021 – Oct 2021*
- Deployed a blockchain network using Go Ethereum on HOP Chain.
- Worked as a miner and deployed over 1000 nodes on the HOP Chain.
- Developed 7 pools to deploy the nodes using JavaScript

PROJECTS

DeFi Staking Pool:
Solidity Developer   *August 2022 – November 2022*
- Built Staking pool smart contracts using Solidity
- All the smart contracts are deployed in the Ethereum network.
- Ganache, Truffle and Hardhat are used for development and deployment.

Covid-19 Vaccine Supply chain using Blockchain:
Blockchain Developer   *June 2021 – Dec 2021*
- Implementing the supply chain both Inter-country and Intra-country..

- Developed smart contracts using solidity in Ethereum and polygon network.
- Built the frontend of the application using React.

Clapp:
Android Developer   *Jul 2020*
- Designed and developed a Short video application to replace tiktok with all the functions and backend functionality (500 users in the beta testing application)

RESEARCH PUBLICATIONS

- Global Vaccination tracking system using Blockchain and IoT - https://ieeexplore.ieee.org/document/9701039/
- zkHealthChain - Blockchain Enabled Supply Chain in Healthcare Using Zero Knowledge - https://link.springer.com/book/10.1007/978-3-031-45882-8
- Blockchain-Based Secure Noninvasive Glucometer and Automatic Insulin Delivery System for Diabetes Management - https://link.springer.com/book/10.1007/978-3-031-45882-8
- An Efficient and Secure Mechanism for Ubiquitous Sustainable Computing System - https://link.springer.com/book/10.1007/978-3-031-45882-8

SKILLS

Technical Skills
C(Intermediate), C++(Intermediate), Python(beginner), Blockchain(Expert), Solidity(Intermediate), Matlab(beginner), Microsoft Excel(beginner), HTML(Intermediate), CSS(Intermediate), JavaScript(Intermediate), Web3(Intermediate), Cryptography(Intermediate), Ethereum(Intermediate), Hyperledger(Beginner), Ethereum, Polygon, EVM based chains, Zero Knowledge, zk-SNARKs, React(Beginner)

Management Skills
Team Management, Communication Skills, Problem solving.

Languages
 Fluent in Telugu, English; Conversational Proficiency in Hindi, Tamil, Kannada

CERTIFICATIONS & TRAININGS

- Blockchain and its Applications - IIT Kharagpur - April 2022
- Blockchain Specialization from University at Buffalo - 2022
- Blockchain Revolution Specialization from INSEAD - 2022
- CS120: Bitcoin for Developers I - 2022
- IBM Blockchain Essentials V2 Badge - 2021
- IBM Blockchain Foundation Developer V2 - 2021

EDUCATION

SRM University AP   *June 2019-May 2023*
Bachelor of Engineering, Computer Science; GPA: 8.26/10

ACHIEVEMENTS

- Won 1st in Python workshop conducted in IIT Hyderabad in 2019.
- Won Restart India Hackathon in Matic Network Prize in 2020.
- Top 5 in Streamr Data Challenge Hackathon in 2020.
- Won 1st in polygon track and Tatum network prize in BUIDL for Web3 Hackathon
- Received Valist pool prize in ETHIndia 2022