

# T.RAMA CHANDRA REDDY

## FULL STACK BLOCKCHAIN/WEB3 DEVELOPER

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### SUMMARY

I am a passionate and dedicated Full Stack Blockchain Developer with 2+ years of hands-on experience in **Ethereum** and 1+ year in **Solana** blockchain and 2+ years in **MERN stack** development. Proficient in developing NFT's to DeFi protocols. Strong knowledge of inner workings of EVM & SVM, merkel trees, Solana blinks & pay and Cryptography. Written blog posts on security and DeFi protocols which are published on my [portfolio](#) page. I'm always eager to explore and adopt new tools and frameworks that enhance project efficiency.

### EXPERIENCE

#### FREELANCE

Self-initiated Projects/Freelance

Date: (oct/2022 - Present)

- Audited a presale smart contract on Ethereum for client through Fiverr.
- Built a [NRI token](#) on Ethereum which is a startup project.
- Written Airdrop smart contracts for meme coin on Solana for client.

#### STRAW HAT XYZ

Lab Incharge 📍 Bangalore

Date: (dec/2024 - Present)

- Led the management and operations of a Solana development lab established by the company in collaboration with the college.
- Facilitated Solana blockchain development projects, mentoring students and ensuring effective use of resources.
- Contributed to the design, development, and testing of Solana-based decentralized applications.

### PROJECTS

#### SOLANA

**RCR DEX:** Built RCR DEX, a decentralized exchange on Solana enabling users to create and view pools with custom fee tiers, trade tokens with precise input/output amounts, and manage liquidity seamlessly.

**Solana Pay (Amazon clone):** Developed a decentralized e-commerce platform using Solana Pay, replicating core functionalities of Amazon with blockchain payment integration using Solana pay.

**Movie Review App:** Developed a decentralized movie review app on Solana where users earn SPL tokens as rewards for creating reviews and commenting. ([Demo](#))

#### ETHEREUM

**TRADE RUN:** Developed Trade Run, a decentralized perpetual platform with custom order types leverage trading, Merkle airdrop, presale staking, and DAO governance. Minting stable coin as reward tokens. ([Demo](#))

**NFT Marketplace:** Developed a decentralized e-commerce platform using Solana Pay, replicating core functionalities of Amazon with blockchain payment integration using Solana pay. ([App](#))

**Battle War:** Created Battle War, a blockchain-based game where each wallet owns an army, earns daily rewards to build it, and engages in battles to increase win count.

**Lottery Dapp:** It is decentralized Lottery contract project, where the winner is picked by using chainlink VRF and the winning function is triggered automatically using chainlink Automation.

**My Forta Bot:** Developed a Forta Bot to monitor blockchain activity, analyze real-time data, detect threats, and provide security alerts using the decentralized Forta network on Ethereum.

**CTF's:** Participated in smart contract security CTFs like [Ethernaut](#) and [Damn Vulnerable DeFi](#) and written blogs with detailed explanations for solving.

### SKILLS

#### PROGRAMMING LANGUAGES

[Rust](#) [Solidity](#) [Python](#) [Java](#) [PHP](#) [Javascript](#)  
[Typescript](#) [Mysql](#) [MongoDB](#)

#### FRAMEWORKS & TOOLS

[Anchor](#) [Hardhat](#) [Foundry](#) [React.js](#) [Next.js](#)  
[Ether.js](#) [Web3.js](#) [Wagmi/Viem](#) [Infura/Alchemy](#)  
[Nodejs](#) [Express.js](#) [Slither/Mythx](#) [IPFS](#) [Git](#)  
[Graphql](#)

#### OTHERS

[Cryptography](#) [Data Structures](#) [Contract Testing](#)  
[MERN stack](#) [Tokenization](#) [Solana Blinks & Pay](#)

### EDUCATION

#### Bachelor of Technology (CSE)

Rajiv Gandhi University of Knowledge Technologies

📅 2023 – Present

CGPA

📍 Nuzvid, A.P

8.7/10

#### Intermediate (Pre University Course)

Rajiv Gandhi University of Knowledge Technologies

📅 2021 - 2023

CGPA

📍 Nuzvid, A.P

9.8/10

### COURSES

- Full Stack Web3 Development with Javascript & Hardhat ([Entry - Advance level](#))
- Web3 Development & Security with Foundry ([Entry - Advance level](#))
- OwenThrum Advanced Web3 Security Course ([Advanced level](#))
- Fuzzing workshop (Trait of Bits) ([Advanced level](#))
- Solana Bootcamp 2024 ([Entry-Advance level](#))
- Ackee Blockchain Security Course

### LANGUAGES

- Telugu
- English
- Hindi

### SOFT SKILLS

[Analytical Thinking](#) [Problem Solving](#)  
[Innovation](#) [Adaptability](#) [Teamwork](#)