

THINNALURI SATYA VARDHAN SURI

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At a Glance

- Driven B.Tech CSE student at SRM University-AP with a passion for technology, innovation, and problem-solving. Proficient in algorithms, system design, frontend development, and decentralized backend architectures. A committed tech enthusiast focused on continuous growth and applying skills to real-world challenges.

Education

SRM University AP, Bachelor of Computer Science and Engineering	Aug 2023 – May 2027
Sri Chaitanya Junior College, Guntur, AP	Sep 2021 – Apr 2023
Sri Chaitanya English Medium School, Guntur, AP	Jun 2011 – Apr 2021

Certifications

- Participation in Zero Zam Hackathon by MSC, SRMAP
- NPTEL Certification in Programming in Java
- Gen AI participation certificate by IDEALABS

Projects

Blockchain based Decentralized Genome Ownership

- Deployed and tested Ethereum smart contracts on the Sepolia testnet to mint genomic NFTs and handle access control logic.
- Built a full-stack DApp integrating IPFS, React, and smart contracts deployed on Ethereum (Sepolia testnet) for secure genomic data ownership.

React based Time-Loop-Runner game

- Developed an interactive time-loop runner game using React, featuring dynamic obstacles, score tracking, and engaging loop-based mechanics.
- Tools Implemented responsive gameplay logic and animations, optimizing performance for smooth cross-device user experience, with tech stack: React, JavaScript, HTML5 Canvas, CSS.

Smart Home Automation System

- Built a full-stack Smart Home Automation System using Python, enabling remote control and monitoring of home appliances via a web dashboard.
- Integrated real-time sensor data, device control logic, and secure API endpoints to ensure seamless automation and user-friendly interaction, with tech stack: Python, Flask, HTML/CSS, JavaScript, REST API, IoT Sensors.

Technical Proficiencies

Languages: JavaScript, TypeScript, Python, Solidity, HTML, CSS, Bash, C, C++ , Java

Technologies: IPFS, Web3.js, Ethers.js, Solidity, Smart Contracts, JSON WEb Tokens, Node, Express, Flask, React, Vite, Tailwind CSS, Framer Motion, MS Office, Xcode, VScode, Metamask, Kotlin, Flutter, FireBase