# Thokchom Jnyandeep Singh

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## EDUCATION

**SRM Insitute of Science and Technology** — Kattankulathur, Tamil Nadu
*Bachelor of Technology in Computer Science* — *June 2023 - May 2027*

## TECHNICAL SKILLS

**Languages**: Solidity, Rust, Javascript/Typescript, SQL (Postgres), HTML/CSS
**Frameworks**: React, Next.js, Node.js, Axum
**Developer Tools**: Git, Hardhat, Foundry

## PROJECTS

**BOO - Bitcoin Optimistic Oracle** | *Clarity, Next JS, Go* — Sept 2025
- Developed an Optimistic Oracle system on Stacks, enabling Clarity contracts to request and verify real-world data
- Engineered data request functionality allowing Clarity contracts to access real world data
- Built a solver dashboard for managing and fulfilling data requests
- Implemented a slash-and-reward mechanism to incentivize honest participation and ensure protocol sustainability

**Solana HTTP Server** | *Rust, Axum, Solana-sdk, Solana-client, Serde, Base64* — June 2025
- Built a Rust-based HTTP server using Axum to interact with the Solana blockchain
- Integrated solana-client and solana-sdk crates to fetch balances, send transactions, and manage keypairs
- Designed RESTful endpoints for wallet operations like airdrops, transfers, and balance queries
- Used serde and base64 for secure request handling and transaction serialization

**StellarPay** | *Soroban, Go, Gin, Soroban RPC, Stellar SDK* — May 2025
- Developed Soroban smart contracts to manage algorithmic stablecoin issuance, burning, and supply control
- Implemented EWA logic allowing real-time wage withdrawals based on earned hours
- Added role-based access for employers and employees within smart contracts
- Enabled on-chain wage tracking, disbursal, and balance updates through Soroban contract logic

## EXPERIENCE

**Marketing Intern** — May 2025 – June 2025
*Branding Avenue* — *Remote*
- Assisted in executing marketing campaigns for Web3 projects across platforms like Twitter, Discord, and Telegram
- Conducted competitor analysis and market research to shape brand positioning and content strategies for NFT and DeFi clients
- Created educational threads, memes, and explainers for crypto-native audiences with design and content teams.

## AWARDS AND ACHIEVEMENTS

Secured **Third** place at **Build on Stacks** by **TPH** x **RiseIn** — Aug 2025
- Developed a BTC backed stablecoin on stacks with a P2P Microlending Platform
- Implimented liquidity extraction from BTC using sBTC to mint stablecoin

Secured a **Top 5** position at the **RiseIn** Kasol **Stellar** Builder Camp by **RiseIn** — May 2025
- Developed an algorithmic stablecoin integrated with an Early Wage Access system on the Stellar blockchain
- Designed an algorithmic stablecoin with issuance and burn mechanisms tied to wage payouts

Secured **Third** place in **DevsHouse'25** by **VIT, Chennai** — April 2025
- Developed an AI-powered crypto risk analysis dApp with memecoin trading features using Next.js and Solidity
- Implemented custom liquidity pools from scratch to enable memecoins to maintain independent on-chain liquidity