

Venkata Sai Teja Karanam

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SUMMARY

Software and Blockchain Developer with hands-on experience deploying and operating applications on AWS (EC2, S3, IAM) and building production-grade smart contracts. Strong focus on reliability, secure deployments, and execution in fintech and Web3 systems.

EDUCATION

Centurion University

Bachelor of Technology in Computer Science

Vizianagaram, India

Aug 2022 – May 2026

EXPERIENCE

Mittiland

Web3 Blockchain Developer Intern

Sept 2024 – Oct 2025

Remote

- Worked on blockchain-based applications involving smart contracts and backend integrations.
- Assisted with deployment and hosting of application components, including cloud-based infrastructure.
- Collaborated with frontend and backend teams during feature releases and updates.
- Handled Web3 transaction flows and integrations in a production-like environment.

TON Developer Experience Lab

Blockchain Developer (Ecosystem Contribution)

Dec 2025 – Present

Remote

- Built proof-of-concepts involving TON smart contracts, wallets, and ecosystem tooling.
- Explored wallet flows, contract logic, and developer tooling within the TON ecosystem.
- Provided UX and documentation feedback to improve developer onboarding.

PROJECTS

AWS Deployment Projects

2024 – 2025

- Deployed backend applications on AWS EC2 with SSH-based access and environment configuration.
- Used S3 for static asset hosting, secure storage, and backups.
- Configured security groups and IAM roles for controlled access.
- Supported dev and production environments and assisted with GitHub-based deployment workflows.

Mint2Metal – Silver Infrastructure Protocol [GitHub]

2025 – Present

- Designed a vault-backed protocol with strict admin verification to prevent unbacked issuance.
- Built and tested Soroban smart contracts for minting, burning, deposits, and redemption.
- Focused on state safety, access control, and failure handling.
- Tech: Stellar (Soroban), Rust, Node.js, React

Healthcare DApp [GitHub]

2024

- Built a decentralized healthcare application for secure medical record management.
- Implemented role-based access control for patients and providers.
- Tech: Solidity, Ethereum, React, IPFS

TECHNICAL SKILLS

Languages: Solidity, JavaScript, Python, Java, C

Cloud / DevOps: AWS (EC2, S3, IAM, Security Groups, CloudWatch – basic), GitHub Actions

Backend / Web3: Node.js, Express.js, Ethers.js, Foundry

Tools: Git, GitHub, VS Code, IPFS

LEADERSHIP / EXTRACURRICULAR

Blockchain Lead – CUTM AP Campus

2023 – Present

Campus Blockchain Club

CUTM

- Organized blockchain workshops with Stellar, ICP, and BlockOn.
- Led and mentored a 140+ member student blockchain community.
- Guided students in smart contract and decentralized application development.