

# 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

<b>Centurion University</b> <i>Bachelor of Technology in Computer Science</i>	Vizianagaram, India Aug 2022 – May 2026
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## EXPERIENCE

<b>Mittiland</b> <i>Web3 Blockchain Developer Intern</i>	Sept 2024 – Oct 2025 Remote
<b>TON Developer Experience Lab</b> <i>Blockchain Developer (Ecosystem Contribution)</i>	Dec 2025 – Present 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.

– 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

<b>AWS Deployment Projects</b>	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.	
<b>Mint2Metal – Silver Infrastructure Protocol</b> [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

<b>Languages:</b> Solidity, JavaScript, Python, Java, C
<b>Cloud / DevOps:</b> AWS (EC2, S3, IAM, Security Groups, CloudWatch – basic), GitHub Actions
<b>Backend / Web3:</b> Node.js, Express.js, Ethers.js, Foundry
<b>Tools:</b> Git, GitHub, VS Code, IPFS

## LEADERSHIP / EXTRACURRICULAR

<b>Blockchain Lead – CUTM AP Campus</b> <i>Campus Blockchain Club</i>	2023 – Present 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.	