

ROHAN REDDY

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PROFESSIONAL SUMMARY

Detail-oriented and self-motivated Computer Science undergraduate with practical experience in blockchain, full-stack web development, and deep learning. Proficient in building scalable decentralized applications and real-time systems. Seeking to join innovative software teams where performance, security, and user experience are priorities.

EXPERIENCE

Innominds (Hyderabad – Remote)

August 2025 – November 2025(4 mo)

Currently working as Software Engineering Intern, creating projects on LangChain and Agno agent

PROJECTS

Blockchain-based Data Integrity System (DISAC) | C++, OpenSSL, Crow, SQLite3

- Developed a decentralized academic credential verification system with a custom blockchain.
- Built a robust backend in C++ and implemented OpenSSL for secure digital signatures.
- Achieved a 93% improvement in credential verification speed through real-time validation.

Online Calculator Web App | HTML5, CSS3, JavaScript

- Built a responsive calculator with GitHub Pages deployment.
- Supported keyboard shortcuts and ensured compatibility across major browsers.
- Addressed critical edge cases like division by zero.

Video Frame Interpolation Using Deep Learning (RIFE) | PyTorch, OpenCV, CUDA

- Implemented a frame interpolation model for smooth video playback using deep learning.
- Enabled real-time video processing with CUDA-based GPU acceleration.
- Applied optical flow and temporal modeling for frame prediction with 89% accuracy.

Blockchain Rock-Paper-Scissors DApp | Solidity, Hardhat, JavaScript, Web3.js, MetaMask

- Created a decentralized game on Polygon Mumbai Testnet with fair-play cryptographic mechanics.

CERTIFICATIONS & ACHIEVEMENTS

NPTEL: Python for Data Science – 72%

Infosys Springboard: Cloud Computing, Architecting Cloud Solutions on Azure

Flipkart GRiD 6.0: Participated in a national-level hackathon

Science Olympiad: District 3rd Rank

Naukri.com NCAT: Score – 27404

TECHNICAL SKILLS

Programming Languages: Python, C++, Solidity, JavaScript

Web Technologies: HTML5, CSS3, Web3.js, React

Blockchain: DApps, Solidity, Polygon Testnet

Tools & Platforms: Git, VS Code, PyCharm, Draw.io, Ollama/LMStudio

AI/ML: PyTorch, OpenCV, CUDA

EDUCATION

B.E. in Computer Science: Vemana Institute of Technology, 2022 – 2026.