

Manupati Ramana Kumar

Blockchain & Full-Stack Developer

+91 7989476238 | manupatiramanakumar106@gmail.com
[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

Professional Summary

Aspiring Blockchain Developer with a strong foundation in full-stack development and proven success in creating decentralized applications (dApps). Skilled in smart contract development and building scalable applications. Eager to apply expertise in decentralized systems to contribute to innovative Web3 projects.

Technical Skills

- Blockchain & Web3:** Smart Contract Development (Solidity, Pyteal), dApp Architecture, Ethers.js, wagmi
- Languages:** JavaScript (ES6+), TypeScript, Python, Java
- Frontend:** React.js, Next.js, Tailwind CSS, HTML/CSS
- Backend:** Node.js, Express.js, RESTful APIs, JWT Authentication
- DevOps & Cloud:** Docker, CI/CD (GitHub Actions), Git, Vercel, AWS S3

Projects

VeriStamp dApp – On-Chain Digital Notary

[Live on Sepolia Testnet](#)

- Architected and deployed a full-stack dApp providing immutable, on-chain proof of existence for digital files.
- Innovated a gas-efficient design by performing all cryptographic hashing client-side, ensuring user privacy while reducing on-chain costs.
- Developed a secure **Solidity** smart contract using **Hardhat** for the complete development lifecycle (compilation, testing, deployment).
- Engineered a responsive frontend with **Next.js**, **TypeScript**, and **wagmi/viem** for seamless wallet interaction.

Arogya – Decentralized Medical Records

[Winner, DSU Hack-O-Verse 2024](#)

- Architected a sovereign data solution for users to own and manage their health records with default-private storage.
- Designed a granular access control system allowing users to grant time-limited, read-only permissions to healthcare providers.
- Implemented a critical emergency access feature, enabling first responders to view vital information like blood group.
- Utilized Web3 storage solutions like IPFS to ensure high data integrity and censorship resistance, ensuring patient records are both permanent and tamper-proof.

Auction dApp – Smart Contract

[Winner, AlgoBharat Hackathon](#)

- Developed core on-chain logic in Pyteal, ensuring atomic transactions for bids and fund transfers to maintain protocol integrity.
- Implemented robust state management for all auction phases, successfully preventing invalid bids and premature payouts.

Experience

Full Stack Developer Intern – YEBSYS, Coimbatore

[Sep 2024 – Dec 2024](#)





- Engineered and launched a scalable payment platform using Next.js and TypeScript to process UPI and card-based transactions.
- Owned the automation of deployment pipelines using Docker and GitHub Actions, reducing manual deployment errors by over 90%.
- Developed and documented multiple RESTful API endpoints for user management and transaction history.

Education & Achievements

Dhanalakshmi Srinivasan University – Tiruchirappalli, TN

[Graduated May 2025](#)

B.Tech in Artificial Intelligence & Data Science | CGPA: 7.69/10

-  **Research Publication:** Published on Quantum-Inspired Deep Learning for Financial Data in IJARIT (Vol.11, Issue 3).
-  **DSU Hack-O-Verse 2024:** Secured **1st place** among 170+ projects; awarded \$1200 and seed funding opportunities.
-  **Algorand Summit 2023:** Specially invited to attend the national summit held in Delhi, India.
-  **AlgoBharat Hackathon:** Secured **3rd place**; invited to attend the Algorand Greenhouse Hack in Singapore.