VEKKULURI VINAY

Kurnool, Andhra Pradesh

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EDUCATION

National Institute of Technology, Rourkela **2021 − 2025**
B.Tech **CGPA -7.60** *Rourkela , Odisha*

TECHNICAL SKILLS

Languages: C++, JavaScript,Python
Developer Tools: VSCode, Docker, Kubernetes
Cloud/Databases: Azure,MySQL, MongoDB,CouchDB
Technologies/Frameworks: opencv, Machine Learning, Node.js, Express.js, React.js, Hyperledger Fabric

EXPERIENCE

Intern at Neophyte 🗗 **Jan 2025 - Present**
Role - BlockChain Developer *Mumbai*

- Built a permissioned blockchain network using Hyperledger Fabric to securely manage 100+ transactions per second, ensuring data integrity and transparency..
- Orchestrated 50+ blockchain nodes with Kubernetes, increasing scalability by 25% and optimizing resource usage.
- Containerized services using Docker, reducing deployment time by 30% and improving environment consistency..
- Integrated 10+ smart contracts for supply chain traceability, improving operational efficiency by 40%..

Intern at Celebal Technologies 🗗 **May 2024 - July 2024**
Role - NodeJs Developer *Remote*

- Built a social media automation app using Node.js and Express.js, automating 500+ posts, likes, and comments daily..
- Integrated OAuth authentication with Passport.js, ensuring secure login and account connections for 1,000+ users.
- Implemented asynchronous operations and rate-limit handling, improving automation efficiency by 30%..

PROJECTS

Blockchain-Based Warehouse Product Traceability System for Reliance 🗗 | **Jan-2025**

- Warehouse Product Traceability – Built using Hyperledger Fabric with 2 orgs, 3 nodes, 100K+ transactions.
- Technology Stack – Used Docker, Kubernetes, CouchDB, Node.js, TypeScript, handling 1M+ records efficiently.
- Frontend & UI – Developed React.js interface for 24/7 real-time product tracking.

Re-Identification System 🗗 | **Mar-2025**

- Built a re-identification model with Python, OpenCV, Deep Learning, achieving 95% accuracy in identity tracking.
- Enhanced feature matching, reducing false positives by 30% and boosting detection speed by 40%.
- Optimized scalability, cutting computational cost by 50% for deployment on low-power devices

CODING PLATFORMS

- Solved **550+** Problems on **Leetcode** . 🗗
- Max Rating **1606** At CodeChef 🗗
- **5*** In SQL at HackerRank 🗗

Position OF Responsibility/Achievements

- Secured 3rd place in a Science Fair among 30 participating teams, showcasing innovation and problem-solving skills.
- Represented at the District-Level Zonals in Kabaddi, competing against 15-25 teams, demonstrating teamwork and athletic excellence.
- Awarded the National Means Merit Scholarship, recognizing academic excellence among 200,000+ students nationwide.