Tadepalli Vijaya Krishna

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PROFESSIONAL SUMMARY

Aspiring Software Developer and Blockchain Developer with a solid foundation in building scalable tech platforms. Skilled in blockchain and mobile app development using Flutter and Android, with experience in backend development using Python and Django. Familiar with working with databases such as SQL, PostgreSQL, MongoDB and Graph. Comfortable with front-end technologies like React.js, JavaScript, and neo4js. Gained knowledge in system design, product development, and web application maintenance. AWS Cloud Practitioner with a strong grasp of data structures, algorithms, and operating systems.

Skills

- **Languages:** Python, Java, Kotlin, Rust, C++, JavaScript, Solidity
- **Mobile Development:** Flutter, Android
- **Web Development:** React.js, Django, HTML, CSS, JavaScript, Laravel, Next.js
- **Databases:** SQL, PostgreSQL, MongoDB, Cassandra, Redis
- **Frameworks & Libraries:** PyTorch, Docker, MERN
- **Cloud Platforms:** AWS (Cloud Practitioner), Oracle Cloud Infrastructure
- **Blockchain Development:** Solidity, Substrate, celistia, Hyperledger
- **Other Skills:** Data Structures, Algorithms, Operating Systems, Async Programming (callbacks, promises, await), Cybersecurity, Project Management

Education

B.tech CSE Cyber security,	XII 2019-2021 MPC,	X 2019,
Graduation Year (2025),	Percentage- 95.5%,	CGPA – 9.2,
Vellore Institute of Technology	Narayana(State Board)	Narayana (State Board)

PROJECTS/RESEARCH PAPER

Project 1 : Developed a blockchain-based social media app
Developed a social media app with dynamic off-chain and on-chain data segregation to enhance transaction speed and efficiency. Key features include optimized transaction rates, decentralized communication, and scalable data storage. (Technologies: Solidity, React, Nextjs, IPFS, Web3.js, hardhat, pinata)

Project 2 : Blockchain-Based Real Estate Asset Digitalization and Transaction Application (scalable)
Built a blockchain-based system for digitalizing real estate assets and automating transactions using smart contracts. Ensures secure property transactions and transparent ownership records. (Technologies: Solidity, Blockchain, React.js, AWS)

Project 3 : HER data collection using blockchain
Developed a blockchain-based EHR (Electronic Health Records) platform using React for the frontend, enabling secure and efficient management of patient data with dynamic off-chain and on-chain data segregation for faster

access and transaction processing. Key features include enhanced data privacy, secure patient-doctor interactions, and tamper-proof health records. (Technologies: React, Solidity, Substrate, IPFS, Web3.js, Python)

Project 4 : Multi-Utility Data Encoding and Compression Tool
Designed a tool for encoding data streams, encrypting large files, and compressing them for efficient storage. Includes functionalities for secure data management and space-saving compression. (Technologies: Python, C++, OpenCV, AES Encryption, Docker)

CERTIFICATIONS
- Oracle Cloud Infrastructure Foundations Associate
- MERN stack developer by ETHNUS
- Blockchain developer by Nasscom
- Google Project Management: Professional
- Microsoft Cybersecurity Analyst Professional

ACHIEVEMENTS/AWARDS
- 1st place in Cryptography hackathon by NextGen Cloud
- 1st place Build a Web app hackathon
- Runner up in Geekify hackathon
- 1st place in Evolve hackathon by IBM
- 1st DIMO Hacks (Blockchain based hackathon)