Tadepalli Vijaya Krishna

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PROFESSIONAL SUMMARY

Aspiring Software Developer with a solid foundation in building scalable tech platforms. Skilled in 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, Cassandra, and Redis. 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, React Native
- **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
- **Other Skills:** Data Structures, Algorithms, Operating Systems, Async Programming (callbacks, promises, await), Cybersecurity, Project Management

INTERSHIP\ FREELANCING

Profile: CertifiProjects

Freelanced the creation of a highly efficient Learning Management System (LMS) tailored to the particular needs of an edtech company, allowing more than 1000 students to receive coding instruction. My role to administer project management, software development, and quality assurance for a 20-member team to ensure a smooth learning experience by implementing cloud and micro services to the application.

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 : AI-Powered Custom LLMs Builder

Developed a platform for creating and customizing large language models (LLMs) tailored to specific industry needs, enhancing communication and data analysis. Features include model training, deployment, and fine-tuning. (Technologies: Python, AI, LLMs, TensorFlow, Flask)

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 : LinkStream

Developed LinkStream, an app that provides users with a single, customizable link to share their professional profiles. The app features analytics to track engagement and views, tailored for startups, content creators, and businesses seeking to streamline their networking and promotional efforts. (Technologies: Flutter, Firebase, React Native, AWS)

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)