Tadepalli Vijaya Krishna

vijaytadepalli7981@gmail.com| 7981847657 | vijay-tadepalli (LinkedIn)| GitHub

PROFESSIONAL SUMMARY

A results-driven professional with expertise in blockchain technologies, data management, and automation. Proficient in data ETL tasks, including extraction, transformation, and validation, with a focus on ensuring data integrity and providing actionable insights. Experienced in fintech and decentralized finance (DeFi) projects, with a strong foundation in smart contract development, decentralized applications (dApps), and blockchain technology stacks. Skilled in using Agile methodologies to drive project delivery and collaborating with cross-functional teams to achieve business goals. Adept at managing sensitive data and ensuring compliance with governance standards. Proven ability to work in dynamic environments and continuously upskill through training opportunities. AWS Cloud Practitioner with expertise in delivering scalable, secure systems.

Skills

- **Programming Languages:** Python, Pyspark, SQL, Java, Kotlin, Rust, C++, JavaScript, Solidity
- **Big Data Tools**: Big Query, Pyspark
- **Blockchain & DeFi Technologies:** Solidity, Substrate, Celestia, Hyperledger, Ethereum, Starknet, Decentralized Finance (DeFi), Smart Contracts
- **Data Management & ETL:** Data Extraction, Transformation, Loading (ETL), Data Cleansing, Data Validation, Data Models
- **Databases:** SQL, PostgreSQL, MongoDB, Cassandra, Redis
- **Automation & Reporting**: Process Automation, Report Generation, Data Insights, Identifying Process Gaps, Strategic Solutions
- **DevOps & Cloud:** Docker, Kubernetes, Jenkins, Git, AWS (Cloud Practitioner), Oracle Cloud, Azure, CI/CD, Terraform, Ansible
- **Frameworks & Libraries:** PyTorch, TensorFlow, MERN Stack, Selenium
- **Agile Project Management**: Agile Methodologies, Jira, Confluence, Sprint Planning, Task 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)

Professional Experience

Blockchain Developer (ITHAX)

- Developed and deployed smart contracts on Ethereum, enhancing transaction security and efficiency.
- Worked on decentralized applications (dApps), integrating blockchain technology to improve functionality and user trust.

DevOps Engineer (ORIAN AI)

- Implemented CI/CD pipelines to automate deployment processes, increasing development efficiency.
- Managed container orchestration with Kubernetes, ensuring application scalability and reliability.

PROJECTS/RESEARCH PAPER

Project 1: Automated ETL System for Financial Data Processing
Developed an automated ETL (Extract-Transform-Load) system to process financial data from various sources. The system cleaned, validated, and transformed large datasets before feeding them into business intelligence tools, enhancing the decision-making process. Implemented automated data quality checks and exception handling, ensuring high data accuracy and timely reporting. (Technologies: Python, SQL, AWS, Docker, Jenkins**.)**

Project 2 : Real-Time Financial Data Analytics and Reporting System
Built a real-time analytics platform to automate the ETL of financial data using Python, Pyspark, SQL, and Big Query. Integrated QlikSense for dynamic reporting and dashboards, providing actionable insights for business stakeholders. The system improved decision-making, optimized operations, and automated reporting while ensuring data accuracy and compliance.
(Technologies: Python, Pyspark, SQL, Big Query, QlikSense, AWS, Docker)

Project 3 : End-to-End Data Pipeline for Business Analytics
Built a robust data pipeline to automate the extraction, transformation, and loading of business data, ensuring accurate and timely analytics for decision-making. The pipeline included automated data validation and error handling, improving the consistency of data processed for various business stakeholders. (Technologies: Apache Airflow, SQL, Python, MongoDB, AWS)

Project 4: (Patient) Fake News Detection Using Blockchain Technology
Developed a decentralized application (dApp) for verifying news sources and articles using blockchain technology, ensuring transparency and trustworthiness. Key features include real-time verification of news credibility, tracking the provenance of articles, and user-friendly submission and validation processes.
(Technologies used: Ethereum, Solidity, Python, React.js, Web3.js, IPFS)

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)