

Tadepalli Vijaya Krishna

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PROFESSIONAL SUMMARY

Aspiring Mobile App Developer with a strong foundation in product design and Agile methodologies, complemented by experience in blockchain technologies. Proficient in building scalable mobile applications for the Android platform using Kotlin and the Android framework, with a focus on delivering pixel-perfect implementations that adhere to design guidelines and best practices. Skilled in integrating RESTful APIs and developing decentralized applications (dApps) and smart contracts across various blockchain networks. Eager to contribute to an agile team environment while continuously enhancing skills and processes in mobile and blockchain development.

Skills

- **Programming Languages:** Kotlin, Java, Python, Solidity
- **Mobile Development:** Android (Kotlin, JAVA), Flutter
- **Backend Development:** RESTful APIs, gRPC, Django
- **Web Development:** React.js, HTML, CSS
- **Databases:** SQL, PostgreSQL, MongoDB
- **Frameworks & Libraries:** Docker, TensorFlow, PyTorch
- **DevOps Tools:** Git, Jenkins, Docker
- **Cloud Platforms:** AWS (Cloud Practitioner)
- **Blockchain Development:** Solidity, Ethereum, Hyperledger, dApps, Smart Contracts
- **Product Design:** UI/UX, Prototyping, Wireframing, Design Guidelines
- **Other Skills:** Data Structures, Algorithms, Operating Systems, Agile Methodologies, 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)

Professional Experience

Product Designer (10X technologies)

- Designed user-friendly interfaces for mobile and web applications, improving user engagement and satisfaction.
- Collaborated with cross-functional teams to gather requirements and develop prototypes, ensuring alignment with user needs.

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.

PROJECTS/RESEARCH PAPER

Project 1: (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.)

Project 2 : Centralized Exchange Platform

Developed a centralized exchange platform that facilitates efficient trading of cryptocurrencies with robust security measures. Key features include real-time transaction processing, user authentication, and integrated liquidity management. The platform utilizes RESTful APIs for seamless data communication and enhances user experience with responsive design and analytics dashboards. (Technologies: Solidity, React, Node.js, Express, PostgreSQL, RESTful APIs)

Project 3 : Music Player app (scalable)

Built a modern music player app using Jetpack Compose for a sleek and interactive UI. The app allows users to play both offline and online music, create playlists, and download songs for offline use. It features synchronized music listening with friends via rooms, where playback control can be shared. The app leverages WebRTC for real-time communication in group sessions. (Technologies used: Jetpack Compose (Android), WebRTC, Firebase, Supabase)

Project 4: Portfolio Sharing App for Investors and Crypto Influencers

Developed a decentralized portfolio-sharing platform where crypto investors and influencers can showcase their portfolios and market insights. The platform allows real-time tracking of portfolio performance, secure portfolio sharing via blockchain, and private discussions. Users can subscribe to receive updates from their favorite influencers. (Technologies used: Ethereum, Solidity, Web3.js, React.js, IPFS)

Project 5: Credit Score-Based Personal Financial Advisor App

Developed a personal financial advisor app that provides users with tailored financial insights and recommendations based on their credit scores and spending habits. Key features include credit score monitoring, personalized financial advice, budgeting tools, and goal tracking to enhance users' financial literacy and management. (Technologies: Kotlin, Android SDK, RESTful APIs, Firebase, PostgreSQL, Material Design)

CERTIFICATIONS

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

ACHIEVEMENTS/AWARDS

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