CHETHAN VASTHAW TIPPANI

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OBJECTIVE

I'm an enthusiastic and self-taught technologist who enjoys building tools that solve real-world problems. From AI-based apps to decentralized platforms, I love experimenting with tech and using it to drive meaningful impact.

EDUCATION

12th Grade, Resonance Junior College, Warangal, Telangana 2025
Academic Achievement: 89.1% in 12th Grade

SKILLS

Languages	Python, JavaScript, HTML, CSS, Solidity, TypeScript
Frameworks/Tools	React, Firebase, Hardhat, Git, Firestore
Tech Areas	dApp development, AI Web Tools, Automation, Cybersecurity (basic)
Creative	Graphic Design, Video Editing, UI/UX, Content Creation

PROJECTS

AI4AndhraPolice – Grievance Redressal System (2025)
Built a complete AI-powered solution for the Andhra Pradesh Police to streamline case handling. The system allows constables to submit petitions, extracts structured data using GenAI, evaluates evidence, and generates reports for final decision-making. Featured Firestore, OCR, and real-time dashboards. [Watch Demo]

Yantraksh – Finalist at IIT Bombay Techfest (2024)
Developed two powerful applications for social impact:

- A decentralized application (dApp) with real-world use.
- A farmer empowerment app that suggests crop strategies using AI, weather soil data, and connects farmers to local help centers. [Figma UI]

Food Donation Platform – FoodShare (2025)
Created a web app to connect food donors with NGOs, reduce food waste, and improve logistics. Features include live messaging, auto-filled addresses, and donation scheduling. [Demo]

Enterprise AI Cost Optimizer (2025)
Developed a platform to help enterprises estimate and compare AI usage costs, including ROI-based suggestions and optimization. [Demo]

Blockchain-Based Healthcare App – MedChain (2025)
Built a decentralized platform for secure sharing of medical records using smart contracts and blockchain. Includes OCR for documents, encryption, and transparency. [Demo]

Automated Bulk Certificate Generator (2024)
Created a tool to automate certificate creation for schools/workshops, saving time and human effort. [GitHub]

Recipe Finder Website using AI (2024)
Built a web tool that recommends recipes based on limited ingredients using Spoonacular API. [Live Demo]

ScanSpark App (2024)
Designed a free document scanner app for students. Clean UI, fast PDF generation, and completely subscription-free. [Play Store]

Laser Security System for Bank Lockers (2022)
Built a laser-based locker security system and won 1st place at the district science fair. Qualified and presented at the state level. [Demo – Instagram Reel]

INTERNSHIP EXPERIENCE

Web Developer Intern   2024
Bargain Bazaar Online

- Developed a fully working e-commerce website that streamlined product listing and improved user experience.

Frontend Developer Intern – Canvas for Impact (NGO)   2025

- Completed a 1-month internship designing and deploying a modern, responsive website for a student-led NGO focused on social awareness through visual storytelling.
- Delivered a clean UI/UX experience using HTML, CSS, and JavaScript with Git-based deployment. [Visit Website]

Freelance Web Project – Dear Abroad (Overseas Education Consultancy)   2025

- Developed a sleek, animated and mobile-friendly website for an overseas education consultancy.
- Integrated Google Forms for lead capture and embedded a real-time 3D Earth model for interactive appeal. [Visit Website]

ACHIEVEMENTS

- Finalist at IIT Bombay Techfest (2024) – for dApp and farmer empowerment app
- Reported a security vulnerability in the Dharani state portal – acknowledged by NCIIPC (2022)
- 1st Place at District Science Fair – Laser Security System (2022)
- Top 1% – Outlier UI Hackathon (2025)

CERTIFICATES

- Collection of all certificates: Google Drive Folder

EXTRACURRICULARS

- Built free websites for small restaurants and shops in my hometown to help them grow digitally.
- Conducted AI, Web Dev, and Graphic Design workshops to upskill local youth and engineers.
- Created a test cryptocurrency to explore token logic and blockchain mechanics.
- Managed and contributed to multiple YouTube channels — handled video editing, thumbnails, content design, and upload schedules.
- Explored bug bounty by finding and reporting a real bug to a state government site.
- Active in blockchain hackathons and testnets (e.g., Celer, Polygon, Nexus, 0g AI).