

VASHISHTA MITHRA REDDY VUNDYALA

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SUMMARY

I'm passionate about creating meaningful and practical solutions through technology. I enjoy designing and building applications that simplify complex problems and make life easier for users. My projects reflect a blend of technical skills and creativity, ranging from web development to exploring emerging technologies like blockchain, AI/ML and cloud computing. I'm always eager to learn, improve, and take on new challenges that allow me to grow both personally and professionally.

SKILLS

Programming Languages: JavaScript, Typescript, Python, Java

Web Development: HTML, CSS, Tailwind CSS, Next.js, React JS, Node.js

Tools & Platforms: Supabase, MongoDB Atlas, Thingspeak, IFTTT, Razorpay, Clerk, Vercel, Tableau

IoT Development: Arduino, Node MCU, IoT Sensors

Database Management: SQL, MongoDB, Supabase, Firebase

Design: UI/UX Design (Familiar with Figma and fundamental design principles)

Android App Development: Android Studio (Java and Kotlin)-Beginner

Cloud Platforms: Familiar with and have worked on both AWS and GCP on various instances.

PROJECTS

Hita (Ongoing)

- **Description:** Hita is a one-stop wellness directory for clean, trustworthy products and proven remedies. Currently working on a AI+RAG system to deliver personalized, research-backed wellness guidance instantly.
- **Technologies Used:** Next JS, Supabase, Tailwind CSS, PineCone, Mistral AI, Gemini AI.
- **Link:** hita.v19.tech

Lost Escapes

- **Description:** Developed a responsive travel platform using Next.js, integrating Supabase for backend data management and authentication. Implemented dynamic content rendering with server components and created a mobile-responsive UI using Tailwind CSS with custom theming for an proper user experience across all devices.
- **Technologies Used:** Next JS, Supabase, Tailwind CSS.
- **Link:** lostescapes.com

Kanri

- **Description:** Venue management system that serves as the powerful backend for Kāryakramah. Features include venue management, automated availability checking, booking management, and role-based access with admin, owner and support permissions.
- **Technologies Used:** Next.js, Redis, Tailwind CSS, Supabase.
- **Link:** kanri.v19.tech

White Waters

- **Description:** Developed a Booking management system for a Adventure agency.
- **Technologies Used:** Next JS, Supabase, Tailwind CSS.
- **Link:** whitewaters.vercel.app

Vikraya

- **Description:** Building a blockchain-based crop auction system enabling farmers to sell their produce directly to consumers with complete transparency and fraud prevention. The platform ensures trust, efficiency, and direct engagement in agricultural transactions.
- **Technologies Used:** Next.js for the frontend, Tailwind CSS for responsive design, Ether.js/Web3.js for blockchain integration, Supabase for backend services and database management, and blockchain smart contracts for secure and transparent auction processes.
- **Link:** vikraya.v19.tech

Nidhi

- **Description:** Developed a web-based crowdfunding platform enabling startups to secure funding for innovative projects. Implemented smart contract-based funding disbursement for transparency, incentive-based investor engagement through tokenization, AI-driven project authenticity verification, and a collaboration hub for mentorship and resource sharing.
- **Technologies Used:** Next.js, Tailwind CSS, Firebase, Truffle, Gemini API.
- **Link:** nidhi.v19.tech

Doppelgänger

- **Description:** Designed a minimalist and user-friendly video-sharing and chatting platform that connects users based on shared interests while ensuring privacy and security. Implemented real-time chat and AI-driven interest classification for better matchmaking.
- **Technologies Used:** Next.js, Tailwind CSS, Supabase, WebRTC, Mistral API, and SB Realtime.
- **Link:** xdoppleganger.vercel.app

Krushī (कृषि)

- **Description:** Developed an IoT-based agricultural model to monitor soil moisture levels and detect the presence of animals, helping farmers with effective crop management.
- **Technologies Used:** Arduino, NodeMCU, IoT sensors, ThingSpeak for data visualization, IFTTT for automation, and message alerts for real-time notifications.

EDUCATION

Bachelor of Technology in Computer Science and Engineering Anurag University, Telangana CGPA: 8.65	2021 - 2025
Senior Secondary Gyanavapi Junior College, Telangana CGPA: 9.16	2019 - 2021
Secondary Velocity High School, Telangana CGPA: 9.2	2019

AWARDS/ACTIVITIES

- 1st place in an IoT hackathon for developing an agricultural management kit (Krushi).
- 1st place in an Android development hackathon for building an attendance management app (ATDX).
- 2nd place in SmartHacks a 48 hour IoT Hackathon consisting of 60 teams
- Been a part of university clubs: IoT Club, MALAI (Machine Learning), GCS (Safety Club), Swetcha (Free Software Movement of India).

ADDITIONAL INFORMATION

- **Languages:** English, Telugu, Hindi, Japanese(Beginner).
- Has a passion for learning new technologies.
- Experience in leading and collaborating on hackathon projects.