

JATOTHU ANAND

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SUMMARY

Innovative Full-Stack Web Developer specializing in designing scalable web applications and developing intelligent, data-driven solutions. Adept at leveraging modern frameworks, backend databases, and AI/ML integrations to build secure, user-centric software. Passionate about applying strong problem-solving skills and cutting-edge technologies to build efficient, innovative, and real-world software products.

EDUCATION

Teegala Krishna Reddy Engineering College <i>B.Tech in Information Technology</i>	Hyderabad, India 2023 – 2027
FIITJEE Junior College <i>Intermediate (MPC)</i>	Hyderabad, India 2021 – 2023
Kendriya Vidyalaya School <i>CBSE</i>	Hyderabad, India 2020 – 2021

TECHNICAL & INTERPERSONAL SKILLS

- **Languages:** Python, TypeScript, Java, Dart, Kotlin, Ruby, Perl, JavaScript
- **Web Development:** Next.js, Django, React, Node.js, Express, HTML/CSS
- **Cloud, Databases & Backend:** AWS, GCP, Supabase, Firebase, MongoDB, MySQL, SQLite
- **Tools & Libraries:** Docker, Mistral LLM, OpenCV, CustomTkinter, PyQt6, FastAPI, Git, VS Code
- **Spoken Languages:** English, Hindi, Telugu, Tamil

PROJECTS

StuLink - Safe Social Learning & Skill-Sharing Platform | [Live Demo](#) *Next.js, TypeScript, React 19, Supabase, Cloudinary*

- **Problem:** Traditional social media exposes learners to algorithmic addiction, reels, and unsafe content while lacking a secure, focused platform to showcase educational projects and skills.
- **Role & Solution:** Architected the full-stack application as a solo developer with role-based student and parent portals, campus feeds, and PostgreSQL Row Level Security (RLS). Engineered a text moderation engine reducing unsafe messages by 95%.

Foodify - Sustainable Food Delivery & Donation *Django, Python, Stripe, Geoapify, JavaScript*

- **Problem:** High volumes of urban food wastage from restaurants combined with inefficient logistics for redistributing surplus food to those in need.
- **Role & Solution:** Managed end-to-end development of a dual-purpose web platform. Integrated the Stripe API for secure financial transactions and engineered a map-based logistics engine (Geoapify/MapLibre GL) to optimize delivery routing and reduce carbon footprints by 40%.

SRUTHI-AI - Privacy-First Desktop Voice Assistant *Python, Mistral-7B, Faster-Whisper, CustomTkinter*

- **Problem:** Cloud-based voice assistants compromise user privacy and require persistent internet connections.
- **Role & Solution:** Independently built a fully offline conversational AI utilizing a quantized Mistral LLM. Overcame complex technical challenges to integrate LLM logic with ASR pipelines, achieving an 83% task completion rate through a hardware-accelerated GUI with asynchronous threading.

CERTIFICATIONS

- **AWS Certified Developer - Associate Course** – Infosys Springboard
- **Certified Implementation Specialist - Data Foundations (CIS-DF)** – ServiceNow
- **Intro to Machine Learning** – NPTEL, IIT Madras
- **Ethical Hacking** – NPTEL, IIT Kharagpur
- **Virtual Internship Program** – ServiceNow, AICTE & SmartBridge
- **Full Stack Web Dev & AI Tools** – Edunet Foundation, TASK & EY