Pantangi Divya Anila

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CAREER OBJECTIVE

Software Engineer passionate about building meaningful, well-structured products with a strong emphasis on fundamentals and code quality. I enjoy full-stack development, exploring practical AI use cases, and working on real-time systems. I learn best by building, iterating, and refining solutions, with a constant focus on clarity, correctness, and long-term maintainability.

EDUCATION

- **Anurag University, Hyderabad** — B.Tech in CSE (AI & ML); CGPA: **9.53**   2022 – 2026
- **Sri Chaitanya Junior Kalasala, Hyderabad** — Intermediate (MPC); 98.7%   2020 – 2022
- **Dilsukhnagar Public School, Hyderabad** — SSC; GPA: 10   2020

PROJECTS

TripSage AI[NLP + Agentic AI]https://tripsageai-majorproject.vercel.app/

- Designed and developed TripSage AI, an AI-powered travel planning platform leveraging Agentic AI and DistilBERT-based NLP to interpret user intent and autonomously generate personalized, context-aware travel itineraries.
- Engineered a real-time decision system that integrates live signals (weather, crowd patterns, transport availability) to continuously adapt recommendations, demonstrating scalable AI-driven automation and system design.

IdeaPulse [Vite + React + OpenAI/Gemini APIs]https://idea-pulse-rho.vercel.app/

- Developed an AI-powered platform that validates startup ideas via SWOT analysis, viability scoring, and competitor insights.
- Integrated Google Gemini 1.5 Flash & OpenAI GPT APIs with intelligent fallback, caching, and cost-efficient mock mode.
- Deployed on Vercel with environment-based configuration and a responsive, minimal UI.

Real-Time Collaboration Platform [MERN + Socket.IO]https://teamflow-sync-spark.vercel.app/

- Built a full-stack collaboration platform enabling real-time chat, file sharing, and task management using React.js, Node.js, and MongoDB.
- Integrated AI meeting summarizer, activity heatmaps, and sprint tools to enhance productivity and remote teamwork.

TrustGuard AI [DistilBERT + MobileNetV2]

- Built a multimodal system to detect fake social-media content by combining text (DistilBERT + SHAP) and image (MobileNetV2 + Grad-CAM) analysis.
- Produced an interpretable trust score (0–100) with explanations to enhance transparency and user trust.

POSITIONS OF RESPONSIBILITY

Senior Team Lead, LiteraZe Society   *Apr 2025 – Present*
Organized events, mentored juniors, and led technical collaborations.

Content Team Lead, Engima   *Aug 2024 – Feb 2025*
Directed content strategy and managed team writing for outreach and documentation.

Public Relations, GDSC Anurag University   *Oct 2023 – Sep 2024*
Handled outreach and event promotion for technical programs.

ACHIEVEMENTS

- Finalist — Walmart CodeHers 2025 (Top 250 of 1,13,186 participants)
- Finalist - Cisco Ideathon 2025
- Winner — CSI Regional Convention 24-hour Hackathon (Real-Time Collaboration Platform)
- Runner-up — IEEE-CIS SYNC (C Programming)
- Academic Topper — 2022–2024

TECHNICAL SKILLS

Languages:	Python, JavaScript, Java, C
Web Technologies:	HTML, CSS, React, Node.js, Express, REST APIs
Databases:	MongoDB, SQL (MySQL)
Machine Learning:	TensorFlow, Keras, scikit-learn; model training, evaluation, and inference
Tools & Dev Practices:	Git, GitHub, Docker (basic), API integration, environment-based configuration
Core Computer Science:	Data Structures & Algorithms, OOP, Operating Systems, DBMS, Computer Networks
Problem Solving Profiles:	LeetCode: divyaanila18, HackerRank: 22eg107a43