T Sai Shriya

CS Undergraduate · AI Applications & Workflow Automation

Hyderabad, Telangana · +91 90594 38839
shriyatallapragada@gmail.com
shriyatallapragada.github.io/shriyatallapragada
linkedin.com/in/shriya-tallapragada-0b9356380
github.com/shriyatallapragada

Third-year CSE student (CGPA 9.30) who builds and ships LLM-powered products end to end, from model training to deployment. Turns document-heavy problems into clear, explainable tools; has led teams at four hackathons and campus design teams. Looking for AI and software engineering internships at early-stage startups where I can own real work quickly.

AI & AUTOMATION PROJECTS

Indian News Comparator · Chrome extension · GitHub
Python · FastAPI · PyTorch · ChromaDB · Groq · Docker

- Trained an IndicBERT + Liquid Neural Network bias classifier on 2,594 labeled articles (65.4% accuracy on 3 classes vs a 33% baseline), scoring articles from -5 to +5.
- Built the full system: training pipeline, FastAPI backend, Chrome extension and Docker deployment, with topic-filtered retrieval and an LLM explanation for every score.
- Grew from a Groq prototype (ChromaDB retrieval, NewsAPI and Guardian fallbacks) into a trained model that surfaces Left, Center and Right coverage of the same story.

NeuralPath · AI onboarding platform · IISc Hackathon (team lead)
Python · FastAPI · LangChain · Ollama (Llama 3.2) · Next.js

- Built the FastAPI backend and AI pipeline that parses a résumé (PDF), compares it against a job description and flags skill gaps, mapped to the O*NET taxonomy.
- Generated personalised day-by-day learning paths with Llama 3.2 run locally through Ollama, keeping candidate data on-device.

SprintMind · Delivery intelligence agent · Microsoft HackwithHyderabad 3.0
Python · FastAPI · Hindsight agent memory · GitHub webhooks · LLM agents

- Led a team building a tool that combines standup commitments with Jira updates and GitHub PR and CI events; deterministic rules flag delivery risks with traceable evidence.
- Used Hindsight agent memory to retain dated team context across sprints, with the LLM explaining only verified evidence.

- **Other builds:** Campus Loop (Next.js, PostgreSQL campus hub), ContextBridge (local-first CLI that hands project context to AI coding agents), NotionMake (Flutter app for building Notion pages), Railway Reservation System (Oracle SQL schema, waitlist promotion).

EXPERIENCE & LEADERSHIP

E-Cell, JNTUH · **Aug 2025 – Present**

- **Head of Design** (Feb 2026 – Present): lead the design team and own brand identity for university-wide startup events, using Affinity Suite and Canva.
- **Head of Social Media** (Aug 2025 – Feb 2026): ran social campaigns that grew student participation in flagship summits.

Data Science Club, JNTUH · **Oct 2026 – Present**

- **Head of Design**: lead visual design for club events and campaigns.

Design Lead · Eraya · **club fest**

- Led design for the whole fest (3,000+ attendees), coordinating a large multi-team group.

Volunteer · JNTUH UCESTH · **Cultural, Technical & Alumni Relations**

- Coordinated the Global Alumni Meet and on-ground logistics for fests with 1,000+ attendees.

HACKATHONS

- **Smart India Hackathon 2026:** team lead and presenter for TraceNet, our main entry, and the backup idea QuantaDx (hybrid quantum-AI disease detection).
- **Amazon ML Challenge 2026:** team lead (team of 4, 72 hrs); LightGBM entity-resolution pipeline over millions of business records.
- **IISc Hackathon:** team lead on NeuralPath, an AI onboarding platform; built the backend and AI pipeline.
- **Microsoft HackwithHyderabad 3.0:** team lead on SprintMind, an AI agent that retains team context and flags delivery risks with traceable evidence.

EDUCATION

B.Tech, Computer Science & Engineering (Regular)
University College of Engineering, Science & Technology Hyderabad (UCESTH), JNTUH

Currently in 3rd year · Expected 2028

CGPA 9.30
SGPA: 1-1 9.15 · 1-2 9.65 · 2-1 8.98 · 2-2 9.40

Class XII · Narayana Jr. College 96.2% (2024) · JEE Main 98.7 percentile

Class X · D.A.V. Public School 96.17% (2022)

SKILLS

AI & Data
Prompt design, LLM apps, semantic search (ChromaDB), LangChain, Ollama, Groq, PyTorch, Hugging Face, LightGBM, Excel

Build
Python, Java, SQL (Oracle), JavaScript, C, FastAPI, React, Docker, Git & GitHub

Design
Canva, Affinity Designer / Photo / Publisher, visual branding

Working style
Technical documentation, requirements, presenting & pitching, debating, team leadership

WORKSHOPS

- Agentic AI
- AI fundamentals
- AI & Data Science Intensive (2024)

HIGHLIGHTS

- Team lead and presenter, Smart India Hackathon 2026
- Led hackathon teams at IISc, Microsoft and Amazon ML Challenge
- Head of Design, E-Cell and Data Science Club, JNTUH

LINKS

Portfolio
GitHub
LinkedIn