

KUSALA SAMEERA GONDELA

Visakhapatnam, Andhra Pradesh - 530003

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Education

Indian Institute of Information Technology, Sricity

Nov. 2022 – Present

B.Tech in Computer Science

CGPA: 9.02

Experience

AutomatR

May 2025 – July 2025

AI Intern

Hyderabad, Telangana

- Architected a centralized **LLM Gateway** using **LiteLLM** and **LangChain**, unifying access to **3+ AI providers**.
- Created a single endpoint to handle requests from enterprise apps and agents, enabling seamless addition of new models.
- Integrated **Google Cloud Vision OCR** to extract text from documents, improving LLM response quality by **25%**.
- Standardized workflows across providers and teams, reducing redundant code and development time by **40%**.

SERB Funded Project 

March 2025 – May 2025

Web Development Intern

Sricity, Andhra Pradesh


- Built a full-stack web platform with **Next.js** frontend and **FastAPI** backend for real-time sequence predictions.
- Integrated **5+ pre-trained deep learning models** for batch processing and high-throughput predictions.
- Created modular, type-safe **FastAPI endpoints** with validation and error handling for scalable backend.
- Developed maintainable backend workflows for reliable model inference and smooth frontend integration.

Projects

Alumni Portal for IIIT Sricity  | *Next.js, Node.js, Shadcn, TypeScript, MongoDB*

February 2025

- Developed a full-stack alumni platform with modules for networking, mentorship, referrals, and jobs.
- Implemented secure authentication and role-based access for **3 distinct user roles** (Admin, Alumni, Student).
- Designed **8+ interconnected MongoDB schemas** with complex relationships for users, jobs, events, and referrals.
- Developed **15+ API endpoints** with comprehensive data validation, error handling, and standardized backend workflows for reliability.

SHELFIE  | *Next.js, Express.js, PostgreSQL, TypeScript, AWS*

April 2025

- Engineered a full-stack inventory management system with **4 modules** (products, users, expenses, dashboards).
- Developed backend APIs with **Express** and state management using **Redux Toolkit Query** for efficient data flow.
- Designed and seeded a **PostgreSQL** database supporting interactive dashboards built with **Recharts**.
- Deployed on **AWS** (EC2, RDS, S3, VPC, Amplify) using PM2 for secure, scalable, and reliable hosting.




Technical Skills

Languages & Markup: Python, Java, C, HTML/CSS, JavaScript, SQL, TypeScript

Frameworks & Databases: React.js, Next.js, Redux, Redux Toolkit Query, Zustand, FastAPI, Flask, Express.js, Node.js, LangChain, LiteLLM, MySQL, PostgreSQL, MongoDB

Tools & Platforms: VS Code, Docker, Streamlit, Git, AWS

Achievements

- **Won 1st place**  in AgriAI Hackathon out of 70+ teams with a prize money of Rs. 15,000.
- **Awarded Academic Excellence Certificate twice**  for maintaining high GPA across consecutive years.
- **Placed 6**  out of 100+ participants in EduSynch Techfrontiers Challenge, winning Rs. 2000 cash prize.

Leadership & Extracurricular

Lead

Aug. 2023 – Aug. 2025

IOTA - Projects Club

IIIT Sricity

- Played a key role in organizing 6+ technical events, including the Global Game Jam 2025 with 250+ participants.
- Hosted a session on AI/ML topics, engaging 50+ attendees as a core member of the AI/ML team during 2nd year.

Core Member

Nov. 2023 – Apr. 2024

MATRIX - Data Science Club

IIIT Sricity

- Hosted 2+ sessions on Data Science, engaging 50+ attendees on topics like data preprocessing and SVMs.
- Organized 2 events - Data Pop Quiz and a Datathon with participants from 10+ colleges during the inter-college fest.

Member

Jul. 2023 – Apr. 2024

Student Academic Council

IIIT Sricity

- Facilitated communication to address 10+ student concerns per semester, ensuring a productive learning environment.