# **Druthendra Kommi**

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### **EDUCATION**

Vellore Institute of Technology, Vellore

Integrated MTech Software Engineering

SR College, Nellore (BIEAP)

Board of Intermediate Education Andhra Pradesh (BIEAP) - Grade XII

Expected Graduation, May 2028

**CGPA:** 9.22

Graduated in 2023

Score: 97.5%,

#### **EXPERIENCE**

## • ScientiFlow | Python, PySide6, Qt, TKinter

Software Development Intern & Frontend Developer

May 2025 - Present

- Co-developed a full-featured desktop GUI for the terminal-based tool **scientiflow-cli**, using PySide6 with direct CLI module integration to let users manage jobs visually without terminal use
- Designed key UI components like Login, Env Setup, Pipeline Runner, File Explorer, Alerts using Qt widgets, signals/slots, QThread, and implemented real-time job feedback system
- Built the entire application from scratch as a two-member team, focusing on seamless CLI integration, user experience, and cross-platform compatibility with Poetry-managed modules

## • Seculinx | ReactJS, HTML, CSS, JavaScript

Dec 2024 - May 2025

Frontend Development Intern

- Built the official landing page for **Seculinx**, implementing responsive layouts and reusable components with ReactJS and modern CSS practices

#### **TECHNICAL SKILLS**

- Programming Languages: Python, Java, C/C++, JavaScript
- Web Technologies & Frameworks: HTML, CSS, Tailwind CSS, MERN Stack, VueJS, Django, Flask
- Miscellaneous: Git, GitHub, Postman, Figma, Graphic Designing

#### **PROJECTS**

## Document Planner | React, Tailwind CSS, Firebase (Firestore), ShadCN, Liveblocks [GITHUB] [DEMO]

Summer 2024

- Engineered a real-time collaborative workspace and document editor with live comments, user presence, and dynamic blocks using Firestore and Liveblocks
- Designed a clean, responsive UI using ShadCN and Tailwind CSS, supporting block-level features like headings, checklists, code, quotes, and alerts

# • Al Trip Planner | React Native, Gemini API, Google Maps API, Firebase (Firestore) [GITHUB]

Summer 2025

- Built a smart Al-driven trip planner that generates personalized itineraries with ticket info, travel timings, and suggestions using Gemini API
- Integrated Google Maps API for real-time routing and redirections to flight, hotel, and map services, providing a seamless user journey

## **ACHIEVEMENTS**

• Full-Stack Project Builder – Independently developed production-ready apps like Document Planner and AI Trip Planner, showcasing end-to-end frontend and backend expertise

2024

 Selected Intern at ScientiFlow – Contributed to a production-ready GUI for the CLI tool using PySide6, enhancing user experience for HPC workflows

2025