

# Chinthamalla Swaransheel

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## EDUCATION

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**Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad** 2022 - 2026  
*Bachelor of Technology in Computer Science Engineering - Artificial Intelligence and Machine Learning*  
CGPA: 8.83

**Nano Junior College, Secunderabad, Telangana** 2020 - 2022  
*Intermediate (Mathematics, Physics, Chemistry)*  
Percentage: 96.7%

## TECHNICAL SKILLS

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- **Programming Languages:** Python, Java, C, C#, R
- **Web Development:** ReactJS, JavaScript, HTML, CSS, Node.js, Express.js
- **Database Management:** MySQL, PostgreSQL, DBMS (SQL concepts, relational databases)
- **AI/ML Technologies:** Machine Learning, Generative AI, Pandas, NumPy,
- **Frameworks & Libraries:** Flask, Streamlit, LangChain
- **Core Computer Science:** Object-Oriented Programming, Data Structures and Algorithms, Data Warehousing
- **Development Tools:** Git, WEKA, Blue Prism

## PROJECTS

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### TransparentPro

- Enhanced a web platform using React, Node.js, and Google Gemini AI to generate machine-readable transparency reports, reducing manual verification by 60%
- Built adaptive questioning logic that automated scoring and generated interactive PDF reports with data visualizations
- Created responsive user interfaces and integrated PostgreSQL for scalable data management

### Bilingual Hindi-English Toxicity Detection System

- Engineered an AI-driven web application with Flask, Faster-Whisper, and transformer models (BERT, RoBERTa, MuRIL) for multilingual audio toxicity detection
- Implemented real-time speech-to-text transcription with word-level timestamps for accurate monitoring

### Carbon Emission Impact Analysis

- Analyzed correlation between CO2 concentrations and temperature changes using statistical and visual methods
- Identified predictive trends linking rising emissions with temperature change patterns

### CareerBoost Job Application Platform

- Built a comprehensive job application platform with React, Express.js, and PostgreSQL
- Delivered a streamlined interface for job seekers and an admin dashboard for application management

### SalesChatAI

- Developed and deployed a sales chatbot for LeadMate CRM with a structured 5-stage sales flow
- Improved simulated lead conversion by 40% through intelligent conversation management

### Chat2PDF Interactive Document Assistant

- Created a conversational AI application with Streamlit, LangChain, and Google Generative AI for interactive PDF query and retrieval
- Implemented document processing and natural language understanding for enhanced user experience

## Learn Indian Constitution

- Developed an educational application leveraging Google Generative Language Model API to retrieve and present structured information on Indian constitutional articles
- Enhanced accessibility to legal information through intelligent query processing

## Real-Time Weather Monitoring System

- Built a real-time weather application using JavaScript and public APIs to display current conditions based on user location
- Integrated interactive maps for visual weather tracking and improved user engagement

## CERTIFICATIONS

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- **CCNA: Enterprise Networking, Security, and Automation** , Cisco (April 2025)
- **CCNA: Switching, Routing, and Wireless Essentials** , Cisco (February 2025)
- **CCNA: Introduction to Networks** , Cisco (October 2024)
- **Cybersecurity Virtual Internship** , Palo Alto Networks (January–March 2025)
- **Introduction to Internet of Things** , NPTEL (October 2024)
- **Google Generative AI Virtual Internship** , Google Cloud (July–September 2024)
- **Blue Prism Intelligent Automation Virtual Internship** , SS&C Blue Prism (April–June 2024)
- **Programming Data Structures & Algorithms using Python** , NPTEL (March 2024)
- **Data Engineering Virtual Internship** , AWS (January–March 2024)
- **AI-ML Virtual Internship** , AWS (December 2023–February 2024)

## LEADERSHIP & ACTIVITIES

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### Technical Support Member

*November 2024–Present*

*Free Software Wing Club, GRIET*

- Provided technical support for club initiatives, troubleshooting, and project development
- Coordinated logistics and technical setup for a 24-hour hackathon with 200+ participants, ensuring smooth execution and participant satisfaction
- Mentored junior members in open-source technologies and software development practices

## ACHIEVEMENTS

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- **Reliance Foundation Undergraduate Scholarship**

## LANGUAGES

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- **English** - Proficient
- **Telugu** - Native
- **Hindi** - Fluent