

# Raviteja Karnati

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🔗 My Portfolio

in ravitejakarnati

🔗 Raviteja-5976

## Education

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**Guru Nanak Institutions Technical Campus, Hyderabad city, Telangana, India** *CGPA: 7.50 — (14-05-25)*

- 2021 to Present
- Major: Computer Science Engineering Branch (CSE)

**New Era Co-op Jr College, Hyderabad city, Telangana, India**

*Score: 840 — 2020*

**Sri Chaitanya Techno School, Hyderabad city, Telangana, India**

*GPA: 8.8 — 2018*

## Skills

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**Programming Languages:** Python, MySQL, SQLITE , Html, Css, Javascript

**Development Skills:** Object-Oriented Programming, RESTful API's, Django, Flask, Streamlit, Data Analysis, Neural Networks, Boomi Integration, Generative AI, Git, Postman

## Projects

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### Learning Helper Assistant

- A Python Flask web app using RAG and LLM
- A Learning assistant which will help you to learn any pdf content by segregating chapters by adding chat bot features with podcasts and exams

### Task Management Web App for GDSC

- Built a task management web application for Google Developers Student Clubs
- Used Python and MySQL to develop a comprehensive task tracking system
- Implemented features to manage team tasks and updates efficiently

### Kaggle March Madness Prediction

- Predicted NACC March Madness Games using ML Algorithms like classification and regression
- Developed using Python sklearn, TensorFlow

### Built Neural Networks from Scratch

- Built a multilayer backpropagation neural network from scratch
- Built using Python, NumPy, Math and used Matplotlib for visualization

### Echo-Mind: Advanced Voice Assistant

- Developed a sophisticated voice assistant with multiple integrated features
- Connected to Weather API and OpenAI for intelligent responses
- Implemented automated email functionality using SMTP package
- Customized email generation using OpenAI LLM's to automate Emails based on user suggestion and data.

### Mine-GPT: AI Question Answering and Image Generator Web App

- Developed a comprehensive AI-powered web application using Python
- Implemented advanced question answering and image generation capabilities
- Utilized cutting-edge AI technologies to create an interactive user experience

## Experience

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### **AI Engineer Intern — Hathority LLC (Feb 2025 - Aug 2025)**

- Implemented RAG (Retrieval-Augmented Generation) systems to enhance knowledge-based responses
- Provided support for AI hackathons
- Providing Business solutions for clients in AI integration for the business

### **Core Team Member in Management Team — GDSC, GNITC (2024)**

- Handle the Task Manager Web App developed for GDSC
- Manage data and coordination for GDSC Teams

### **Organizing Lead — IEEE GNITC Chapter (2025)**

- Responsible for conducting and planning technical seminars
- Manage non-technical teams under IEEE GNITC in college

## Achievements

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- Won 2nd Position in GDSC solution challenge at college level for EchoMind project
- Selected for regional level (All India) in GDSC solution challenge
- Won 1st Prize in Innovative Idea Presentation for developing CAAL (Context Aware Adaptive Learning) methodology. Developed innovative methods to optimize Large Action Model (LAM)
- Been a Resource person for AI Mastery Bootcamp in our college and helped my juniors to learn about AI and tools.

## Certificates

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- Certification of Achievement – 2nd Position in Build Together Challenge in College (20th – 21st December 2023)
- Solution Challenge Certificate (January 2024)
- Certificate of Appreciation – Winner of Paper Presentation Competition Tech Ignition in GNITC (13th June 2024)
- Foundations of Cyber Security – Google (Coursera) (29th June 2024)
- Play It Safe: Manage Security Risks – Google (Coursera) (6th July 2024)
- Connect and Protect: Networks and Network Security – Google (Coursera) (10th July 2024)
- Boomi Associate Integration developer - Boomi (26th Feb 2025)
- Boomi Professional Integration developer - Boomi (May 2025)
- Certificate of Appreciation – Resource Person for AI Mastery Bootcamp (30th – 31st August 2024)
- Certification of Participation – National Level GenAI Hackathon, Nalla Narsimha Reddy Educational Society Group of Institutions (21st September 2024)
- Certification of Participation – National Level Hackathon, Guru Nanak Institutions (21st – 23rd November 2024)
- GitHub Foundations Certification (June 2025)