

# K SAI KIRAN NAIK

"Code to Innovate, Learn to Inspire, Build to Empower"

+91-8309514358 | [Email](#) | [Portfolio](#) | [LinkedIn](#) | [GitHub](#) | [LeetCode](#) | [HackerRank](#)

## EDUCATION

**Institute of Aeronautical Engineering, Hyderabad, India**

B.Tech in Information Technology(IT)

Expected graduation: *May 2026*

CGPA: 8.96/10.0

**Kendriya Vidyalaya AFS Begumpet, Hyderabad**

12<sup>th</sup> - CBSE

*June 2021*

Percentage: 91%

**Kendriya Vidyalaya AFS Begumpet, Hyderabad**

10<sup>th</sup> - CBSE

*March 2019*

Percentage: 84%

## TECHNICAL SKILLS

**Programming Languages:** Java | Python | C | SQL | JavaScript

**Web Tools:** HTML | CSS | Bootstrap | Git | GitHub | React

**Relevant Coursework:** Data Structures and Algorithms | Computer Networks | Operating System | Database Management System | Object Oriented Programming Language

**Interests:** Web Development | Machine Learning | Deep Learning

**Soft Skills:** Problem Solving | Self-learning | Presentation | Adaptability

## EXPERIENCE

**Summer Research Intern** [Certificate](#)

*May 2024 – June 2024*

- Developed and fine-tuned neural network architectures, integrating CNN and RNN models with advanced attention mechanisms to improve predictive accuracy.
- Designed and optimized data processing pipelines, managing large image datasets for streamlined model training and evaluation.

## LEADERSHIP

**Google Developer Group IARE**

*Programming Co-Lead*

*Sep 2024 – Sep 2025*

- Organize and lead workshops, events, hackathons, and coding sessions while mentoring participants and providing technical guidance.
- Collaborate with the community to develop content and ensure the successful execution of events, fostering technical growth on campus.

## PROJECTS

**Automated Image Captioning** (CNN | RNN | Bahdanau Attention | Flickr8k) [Link](#)

*May 2024*

Developed an image captioning model that generates descriptive caption for an image using the Flickr8k dataset. This project enhanced automated image understanding, with potential applications in accessibility tools, content-based image retrieval, and social media platforms.

**Weather Forecast App** (HTML | CSS | JavaScript | React | OpenWeatherMap API) [Link](#)

*Sep 2024*

Built an interactive weather forecasting app that retrieves real-time weather data based on user input. This project provides accurate, up-to-date weather reports for various locations, improving user experience in weather-based applications.

**GenZ-TalkAI** (Python | Streamlit | Gemini API) [Link](#)

*Nov 2024*

Developed a Streamlit-based application replicating GPT functionality, enabling natural language interactions and generating human-like responses. This project demonstrates the integration of advanced NLP models for seamless conversational experiences.

## CERTIFICATIONS [Link](#)

**HackerRank:** Problem Solving | Java | Python | SQL | JavaScript | React

**FreeCodeCamp:** Web Development

**Infosys Springboard:** HTML | CSS | JavaScript

**The National Small Industries Corporation (NSIC):** Data Science with Python

## AWARDS & ACHIEVEMENTS

- Mete Project Expo:** Awarded first prize at the Mete Project Expo hosted at IARE, showcasing innovative project excellence.
- Microsoft Learn Student Ambassador (MLSA):** Selected for the XIET Program to promote technical learning, innovation, and community engagement across diverse platforms.
- BTech Merit:** Consistently ranked as the top student in the B.Tech (IT) program.
- Intermediate Merit:** Ranked among the top 5 students in the 12th board examination.
- Hackathon Participation:** Participated in a 12-hour hackathon organized by IARE College and the Winter Coding Contest 4.0 hosted by ACM VNRVJIT.