

# Kamrapu Eswar Sai Kiran

Bachelor of Technology

CSE-IoT

Aditya College Of Engineering & Technology

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., CSE-IoT	Aditya College Of Engineering & Technology ,Surampalem	8.17	2022-2026
Senior Secondary	Pragati junior college,jagapathinagaram	95.9%	2020-2022
Secondary	Pragati E.M School,jagapathinagaram	91.8%	2019-2020

## EXPERIENCE

- Technical Hub** May 2024 – July 2024  
*Web Development Intern* Remote ,India
  - Developed a browser-based image editing web application using HTML5 Canvas API, CSS3, and JavaScript, implementing 8+ image manipulation features including cropping, filtering, and color adjustments with 90% functional accuracy
  - Implemented responsive user interface with vanilla JavaScript and CSS Grid/Flexbox layout systems, enhancing cross-browser compatibility across 5+ browsers and improving page load performance to under 3 seconds
- Apssdc** May 2025 – July 2025  
*Data Analysis Using Python Intern* Remote,India
  - Completed comprehensive training in Python-based data analysis, mastering data manipulation libraries (Pandas, NumPy) and visualization tools (Matplotlib, Seaborn) to analyze complex datasets and derive business insights
  - Performed data cleaning and preprocessing operations on multiple datasets, handling missing values, outliers, and data transformation techniques to ensure 90% data quality and reliability
  - Gained hands-on experience in exploratory data analysis (EDA), statistical analysis, and data storytelling techniques while working on real-world business problem statements

## PROJECTS

- Indian StartUp's Funding Analysis(Python Data Analysis)**
  - Tools: [Python, Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebook, Data Visualization, Statistical Analysis]
  - Conducted comprehensive data analysis on Indian startup funding ecosystem using Python (Pandas, NumPy, Matplotlib), processing 500+ startup records to identify funding trends, sector-wise investment patterns, and growth trajectories across multiple industries
  - Implemented data cleaning and preprocessing techniques using Python libraries, improving dataset accuracy by 85% and reducing data inconsistencies by identifying and resolving 100+ missing values and outliers
  - Developed data visualizations and analytical dashboards using Matplotlib and Seaborn to present funding patterns across sectors, geographical distributions, and investment stages, enabling stakeholders to identify 5+ key investment opportunities
- Ai- Movie Recommendation System**
  - Tools: [Python, Streamlit, Pandas, NumPy, Scikit-learn, Machine Learning, Collaborative Filtering, Content-Based Filtering, Data Analysis, Streamlit Cloud]
  - Developed and deployed an AI-powered movie recommendation web application using Python, Streamlit, and Machine Learning algorithms (Collaborative Filtering/Content-Based), processing 5000+ movie records to generate personalized recommendations with 85% user satisfaction
  - Implemented recommendation algorithms using Pandas, NumPy, and Scikit-learn libraries, analyzing user preferences and movie metadata to deliver accurate suggestions, reducing recommendation time by 60%
  - Deployed live application on Streamlit Cloud platform, creating interactive user interface with real-time filtering and search capabilities, achieving 500+ demo views and positive user feedback

## **SKILLS**

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- **Programming Languages**: Python, C++, JavaScript, HTML5, CSS3
- **Data Analysis & Visualization**: Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebook, Excel, Statistical Analysis, Exploratory Data Analysis (EDA)
- **Web Technologies**: HTML5, CSS3, JavaScript, Responsive Design, React (Basics)
- **Tools & Technologies**: Git, GitHub, VS Code, Streamlit, Browser DevTools, Power BI

## **CERTIFICATIONS**

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- **Data Analytics Essentials** | Cisco | 2024
- **Machine Learning with Python: A Practical Introduction** | IBM | 2024
- **Introduction to Generative AI Learning Path Specialization** | Google Cloud | 2025
- **SQL Basic Certificate** | HackerRank | 2024
- **Generative AI Strategic Leader Specialization** | Vanderbilt University | 2025
- **Google AI for Anyone** | Google | 2024
- **Fundamentals of Red Hat Enterprise Linux 9** | Red Hat | 2024

## **ACHIEVEMENTS**

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- Outperformed 1,00,000 participants in the All India AINCAT 2025 Engineering Aptitude Test by Naukri Campus, achieving a rank of #6423 (Top 15%) and demonstrating strong analytical capabilities.
- Achieved 98.38 Percentile (Top 2%) in Naukri Campus Young Turks 2025 Skills Contest, outperforming thousands of engineering students across India in technical assessments and skill evaluations
- Secured Top 20% ranking in Formula One Analytical Race competition (Unstop - SRM University Hyderabad) by processing and analyzing 100+ motorsport datasets, applying exploratory data analysis (EDA), data visualization, and statistical modeling techniques to identify performance trends and strategic insights
- Achieved 90% accuracy in GUVI Skill-A-Thon organized by APSSDC, completing 5 web development coding challenges in HTML5, CSS3, and JavaScript