SAI GANESH KATEPALLI

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SUMMARY

Aspiring to leverage technical expertise in **Data Analytics** to deliver innovative, user-centric solutions that drive business growth and enhance user experiences. Seeking to contribute to transformative projects and develop strong professional capabilities in the tech ecosystem.

EDUCATION

Bachelor of Technology in Computer Science	September 2023 – May 2026
CMR Institute of Technology, Hyderabad	CGPA: 7.6
Diploma in Civil Engineering	July 2020 – August 2023
Swarna Bharathi Institute of Science and Technology, Khammam	CGPA: 9.4

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, SQL
- **Tools and Technologies:** Power BI,ETL,selenium
- **Version Control:** Git
- **Cloud Platforms:**AWS
- **Data Structures & Algorithms**

INTERNSHIPS

AI-ML Virtual Internship – Jan 2024 – Mar 2024(LINK)

- Completed an AI/ML internship under the **Indian Education Community by Google for Developers**, gaining hands-on experience in machine learning workflows..
- Learned about **data preprocessing, model training, and various AI/ML algorithms**, including **Linear Regression, Decision Trees, Random Forest, K-Means Clustering, SVM, and Neural Networks**.

PROJECTS

Multiple Diseases Prediction – June 2024 – August 2024(LINK)

- Created a deep learning model using TensorFlow and Python to predict multiple diseases with a prediction accuracy, enhancing diagnostic efficiency.
- Optimized data processing pipelines with Pandas and NumPy, reducing preprocessing time by 30%, leading to faster model training and evaluation.

Stock Price Prediction – November 2024 – December 2024(LINK)

- Developed a stock price prediction model using TensorFlow, Python, and Pandas, achieving high prediction accuracy by optimizing hyperparameters and fine-tuning the model.
- Processed large datasets of historical stock prices, implemented feature engineering techniques with NumPy, and enhanced the model's performance, delivering a robust and reliable forecasting system.

Weather Application – January 2024 – May 2024(LINK)

- Established a responsive portfolio website, utilizing HTML, CSS, and JavaScript, resulting increase in user engagement through improved navigation and visual design.
- Constructed dynamic content integration using JavaScript, optimizing page load speed by 30%, leading to enhanced user experience and retention.

CERTIFICATIONS

- **Data Science BootCamp – GeeksForGeeks(LINK)**
- **Data Engineering Professional Certification** – **RAPIDMINER(LINK)**
- **Completed AI-ML Virtual Internship – India Edu Program(LINK)**
- **Engaged in Google Cloud Computing Foundations & Generative AI(LINK)**
- **Web Development Intern** – **BharatIntern(LINK)**