**Sai Balaji** **Namburi**

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I am Namburi Sai Balaji, a passionate and driven aspiring Data Scientist. With a strong foundation in data analysis, machine learning, and big data technologies, I am committed to leveraging data to solve complex problems. I thrive in challenging environments and continuously seek opportunities to expand my skills and knowledge in data science. My experience includes developing efficient data models, performing extensive data analysis, and building web applications. I am dedicated to achieving my career goals through hard work, perseverance, and continuous learning.

**EXPERIENCE**

**Web Application Developer Intern** May 2024 - Present

Kaizentric, Remote

 Designed an ER model for managing player information.

 Utilized Google BigQuery for extensive data analysis.

 Developed the web application "White Elephant".

**EDUCATION** Aug 2021 - June 2025

**Bachelor of Technology (B.Tech.) - Artificial Intelligence and Machine Learning**

*Saveetha School Of Engineering, Chennai, Tamil Nadu, India.*

**SKILLS**

**Technical Skills:**

* **Programming Languages:** Python, SQL, Java
* **Data Management:** Google BigQuery, ER Model Design, SQL Databases, AWS
* **Web Development:** HTML, CSS, JavaScript
* **Machine Learning Libraries:** TensorFlow, Scikit-learn, Keras
* **Data Visualization Tools:** Matplotlib, Seaborn, Power BI

**Domain Knowledge:**

* **Data Science:** Data Analysis, Data Cleaning, Data Visualization
* **Machine Learning:** Model Training, Hyperparameter Tuning, Model Evaluation, Feature Engineering
* **Natural Language Processing (NLP):** Text Processing, Sentiment Analysis, Machine Translation
* **Statistical Analysis:** Hypothesis Testing, Regression Analysis, Statistical Modeling
* **Big Data Technologies:** Hadoop, Spark

**Projects:**

1. **No-Code ML Platform:** Developed using Streamlit, scikit-learn, pandas, enabling code-free ML algorithm execution.

2. **Text Classification & Sentiment Analysis:** Implemented NLP techniques for text categorization and sentiment polarity analysis.

3. **Image Classification with Augmentation:** Created robust image classifiers using data augmentation methods.