**Sai Krishna Abhigna Thumuluru**

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**Career Objective:**

Motivated Computer Science graduate seeking to contribute to a forward-thinking organization by leveraging technical expertise in Java, Python, and data analysis. Eager to apply problem-solving skills to real-world challenges, while growing professionally in a dynamic environment.

**Education:**

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| **Course** | **Academic Period** | **Institute** | **CGPA** |
| B.Tech. (CSE) | 2019 – 2023 | Vaagdevi Institute of Technology & Science  (VITS), Proddatur | 7.4 |
| Intermediate | 2017 – 2019 | Sri Vidya Junior College, Proddatur | 9.0 |
| SSC | 2016 – 2017 | Aditya High School, Proddatur | 8.8 |

**Technical Skills:**

* **Languages & Concepts**: Java (OOP), HTML5, CSS3, SQL ,
* Manual Testing, SDLC, STLC, Test Case Design & Execution, Defect Life Cycle, Functional Testing, Regression Testing, Smoke & Sanity Testing, UAT
* **Database**: CRUD operations, Joins
* **Tools & Software**: MS Excel (formulas, pivot tables, charts),Google sheets,Jira
* **Data Analysis**: Data cleaning, exploratory data analysis, feature engineering
* **Machine Learning**: Classification models, decision trees, model evaluation

**Certifications:**

* Python & Machine Learning Fundamentals – Perfect eLearning Pvt Ltd.
* Tata Imagination Challenge – Recognized for industry knowledge and innovation
* Interview Readiness – NPTEL Online Soft Skills Training

**Projects:**

**IPL Match Outcome Prediction using Machine Learning**

**Tools & Technologies:** Python, Matplotlib, Seaborn, Decision Trees, Classification Models.

Developed a predictive model to forecast outcomes of Indian Premier League (IPL) matches using machine learning techniques. Conducted end-to-end data analysis, including data cleaning, feature correlation, and visualization to identify key factors influencing match results. Multiple classification models were evaluated, with the Decision Tree model achieving a 70% accuracy rate. The solution demonstrated scalability and potential applicability to other sports domains.

**Key Contributions & Learnings:**

* Led a team of peers to successfully deliver the project within the set timeline.
* Managed task allocation, progress tracking, and team coordination to ensure on-time delivery.
* Performed data preprocessing, exploratory analysis, and visualization using Matplotlib and Seaborn.
* Gained hands-on experience with multiple ML classification algorithms and model evaluation techniques.
* Demonstrated the ability to apply machine learning concepts in a real-world sports analytics’ scenario.

**Soft Skills:**

* Effective communication skills and email etiquettes.
* Strong interpersonal and collaborative skills.
* Fast learner, adaptive to new technologies
* Ability to thrive under pressure and in challenging environments