VALLEPU SATEESH

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OBJECTIVE

A highly motivated and detail-oriented Computer Science engineering student seeking an entry-level position in software development or data science. Eager to apply academic knowledge and hands-on project experience to solve real-world problems, while continuously learning and contributing to innovative solutions in a dynamic tech environment.

EDUCATION

B. Tech, Computer Science & Engineering   Oct 2021 — Apr 2025
Siddartha Educational Academy Group of Institutions, Andhra Pradesh   75%

Intermediate, M.P.C   Jun 2019 — Mar 2021
ANM & BR Junior College   74.2%

S.S.C   Mar 2019
Raju High School   8.7 CGPA

SKILLS

- **Programming Languages:** Python, Java, C
- **Web Development:** HTML, CSS, JavaScript
- **Databases:** MySQL
- **Frameworks/Tools:** Django, Flask, REST APIs, Git, GitHub, Jupyter Notebook, Visual Studio Code
- **Core Concepts:** Artificial Intelligence, Deep Learning, Machine Learning, Data Science

PROJECTS

Trash and Recycle Identification Using Deep Learning   Dec 2024 – Apr 2025

- Led a team of 5 to develop a convolutional neural network (CNN)-based waste classification system.
- To improve municipal trash collection using image processing algorithms and deep learning technologies for detecting trash in public spaces. This research will help to improve trash management systems and help to create a smart city.
- Achieved a high improvement in classification accuracy through model tuning and data preprocessing.

INTERNSHIPS

Artificial Intelligence, SkillDzire   Apr 2025
- Completed a 4-month intensive internship focused on core AI concepts and applications.
- Worked on hands-on projects involving machine learning algorithms and real-world datasets.
- Gained practical exposure to AI tools and frameworks

Data Science, SkillDzire   Nov 2024
- Completed a 2-month short-term internship focused on data science fundamentals.
- Gained hands-on experience with data analysis, statistics, and data visualization techniques.
- Exposure to real-world datasets and tools used in data science workflows.

CERTIFICATIONS

- **Artificial Intelligence,** SkillDzire   Apr 2025
- **Full Stack Java,** SkillDzire   Nov 2024
- **Data Science,** SkillDzire   Nov 2024
- **Elements of AI,** University of Helsinki   Jan 2023