

Sai Venkat Thota

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Objective

Aspiring Java Full Stack Developer with a strong foundation in AI and ML, eager to integrate AI into applications and develop innovative AI tools. Skilled in problem-solving, software development, and team collaboration.

Education

Tirumala Engineering College, Jonnalagadda (2023 – 2027)
Bachelor of Technology in Artificial Intelligence and Machine Learning
CGPA: 8.29/10.0

Technical Skills

Web Technologies: HTML, CSS, JavaScript, React.

Languages: Java, Python

Database: MySQL

Projects

Smart Home Automation Simulator ([Link](#)) (Java, JavaFx, OOPS, Solid Principles)

Major Project

- Designed a simulator for controlling and automating home devices virtually.
- Implemented device control, scheduling, and monitoring features.
- Focused on creating an interactive and user-friendly simulation environment.
- Enhanced performance by applying object-oriented design patterns for scalability.

Bank Management System ([Link](#)). (Python)

Minor Project

- Built a console-based application to manage customer accounts and transactions.
- Implemented core banking functions such as deposit, withdrawal, and balance inquiry.
- Designed the system with modular functions for readability and maintainability.
- Added input validation and error handling to ensure secure and reliable operations.

To-Do List App ([Link](#)) (Html, CSS, JavaScript)

Minor Project

- Built a responsive To-Do List app using HTML, CSS, and JavaScript.
- Added features to add, delete, and mark tasks as completed.
- Used localStorage to persist tasks across browser sessions.

Certifications

- Java Database Management System – Coursera
- TCS iON Career Edge – Young Professional

Extracurricular & Co-curricular Activities

- Active participant in cultural events and technical fests.
- Member of College Association club.

