

PREM SAI SAJJA

+91 63050 78245 ◇ Andhra Pradesh, India

sajjapremsai8938@gmail.com ◇ [linkedin.com/in/SajjaPremsai/](https://www.linkedin.com/in/SajjaPremsai/) ◇ [My-Portfolio](#)

OBJECTIVE

Results-driven third-year Computer Science student with a solid foundation in software development and a passion for leveraging emerging technologies. Proficient in Java, Python, Node.js, Git, GitHub, Express.js, MySQL, Docker, Kubernetes, and machine learning. Skilled in problem-solving, data structures, and algorithms, with hands-on experience in the Django environment. Dedicated to continuous learning and innovation, aiming to contribute effectively to dynamic software development teams.

EDUCATION

Bachelor's of Technology in Computer Science, Avanathi Institute of Engineering and Technology

Expected 2025

Specialization: Artificial Intelligence and Machine Learning

Relevant Coursework: Artificial Intelligence, Machine Learning, Data Structures and Algorithms.

SKILLS

Technical Skills:

- Java, Python, Git, GitHub, Node.js, Express.js, MySQL, Docker, Kubernetes
- Machine Learning

Soft Skills:

- Teamwork and Collaboration
- Problem-solving
- Communication

EXPERIENCE

Intern

Aug 2023 - Oct 2023

Eduskills Foundation

- Gained fundamental knowledge of AI and NLP, achieving a comprehensive understanding of AI fundamentals and NLP basics.
- Successfully completed a final project on sentiment analysis using a restaurant dataset.
- Expanded expertise in the field and developed practical skills for analyzing sentiments within specific contexts.

Intern

Jun 2023 - Aug 2023

Indian Servers

- Gained hands-on experience with various state-of-the-art AI models, including OpenAI API, Stable Diffusion, and Hugging Face API.
- Successfully completed a project on finetuning LLAMA2 using a text-SQL query dataset.
- Enhanced understanding of NLP methodologies and practical skills in deploying advanced AI technologies for real-world applications.

PROJECTS

Food Delivery App. I developed and documented a RESTful API for a food delivery service using Django Rest Framework, providing endpoints to manage organizations, items, and pricing structures. Employing token-based authentication, I ensured the security of sensitive data and restricted access to authorized users. By implementing CRUD operations for organizations, items, and pricing structures, I facilitated seamless data management. Additionally, I created sample requests for API endpoints, including those for creating organizations, items, pricing structures, and calculating delivery charges.. ([Live Demo](#))

Sentimental Analysis on Resturant Review. The restaurant reviews dataset was preprocessed by removing non-alphabetic characters, converting text to lowercase, and stemming. TF-IDF vectorization was then applied to transform the data into numerical features. Three classification models Support Vector Machine (SVM), Logistic Regression, and Decision Tree—were trained and evaluated. Logistic Regression emerged as the top performer, with an accuracy of 80 percent, precision of 81.06 percent, and recall of 75.35 percent. ([Github](#))

The Weather Forecast Application. The Weather Forecast Application, developed using React and integrated with a third-party API, showcases my API utilization skills. It provides real-time weather data based on user input or location, offering current conditions, hourly forecasts, and extended predictions. The application's intuitive interface, powered by React, ensures a seamless user experience across devices, demonstrating my proficiency in React development and API integration. ([Live Demo](#))

CERTIFICATIONS

- IBM Full Stack Software Developer ([Certificate](#))