



# Sai Ram Madala

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Seeking a position that allows me to apply my strong analytical and problem-solving skills, along with my passion for continuous learning, to make a positive impact and contribute to the overall goals of the organization.

## Education

● Prasad V Potluri Siddhartha Institute of Technology	CGPA : 9.02	Jan 2021 - present
● Sri Chaitanya Junior Kalasala	CGPA : 9.88	Jun 2018 - May 2020
● Sri Chaitanya School	CGPA : 9.7	June 2017 - Mar 2018

## Experience

● Web Development Internship at Oasis Infobyte	May 2023 - Jun 2023
I got the opportunity to work on a range of projects and gain practical experience in developing innovative and user-friendly websites, and also helped me to learn best practices on web technologies.	
● AI-ML Virtual Internship at AWS academy	Jul 2022 - Sep 2022
I had the opportunity to gain hands-on experience in the field of Artificial Intelligence and Machine learning using AWS while working remotely.	
● Cyber Security Internship at Verzeo	Feb 2022 - Mar 2022
I had the opportunity to gain hands-on experience in the field of cybersecurity while working remotely. Throughout the internship, I learnt to measure security of different websites by testing its security using bypass authentication and expanding my knowledge and skills in this rapidly evolving field.	

## Projects

● <u>Product Recommendation System</u> (HTML, CSS, JavaScript, Flask, ML Techniques)	Jul 2023 - Aug 2023
The web app uses a hybrid recommendation model (content + collaborative) to suggest personalized products based on user interactions. It analyzes individual preferences through product attributes and considers collective user behavior for accurate suggestions, enhancing the overall user experience.	
● <u>Employee Directory App</u> (AWS)	Jun 2023 - Jul 2023
I gained a comprehensive understanding of AWS Essentials and utilised various AWS services to develop an employee directory app. The app is hosted, computed, and securely stores employee data in cloud, making efficient use of multiple AWS services	
● <u>React Weather App</u> (React.js, API's)	Apr 2023 - May 2023
Developed a weather application that displays the current weather conditions for a given location. It involves making API requests, handling asynchronous code, and rendering dynamic data in a React component while doing this project	
● <u>Hotel Management System</u> (HTML, CSS, JavaScript, JDBC, MySQL)	Jan 2023 - Feb 2023
Developed a Full Stack Hotel Management Application where customers can easily Book/Cancel the Reservations. On the other end, Receptionist can easily keep track of reservations and the system allows hotel staff to efficiently manage guest reservations, including room availability, check-in, check-out, and room assignment.	
● <u>Classic Pong Game</u> (Python)	Sep 2022 - Oct 2022
The objective of this project is to develop a classic Pong game, a two-player arcade game where players control paddles to hit a ball back and forth across a playing field. The game is built using turtle graphics and python pandas and CSV	

## Skills

- **Programming** : Python, Java, C++, C
- **Web Technologies** : MERN stack, HTML, CSS, JavaScript, RESTful API's, JSP, JDBC
- **Databases** : MySQL, MongoDB
- **Cloud** : AWS
- **Dev Tools** : Git and Github

## Publications

● <u>Human Activity Classification based on Smartphone Data using ML Techniques</u> (IJIEMR)	Feb 2023
The Publication mainly focuses on recognizing the fundamental human activities such as running, standing, and walking using Supervised Machine Learning techniques.	

## Certifications

- AWS Fundamentals Specialization, META-HTML and CSS, JavaScript, Git and Github, Crash Course on Python, Basics of React, Advanced React, Introduction to databases for Back End Development - *Coursera*
- Python Essentials -1, Python Essentials -2, Introduction to Cybersecurity, Cybersecurity Essentials - *Cisco Networking Academy*
- Programming with Java, Database Management System - *NPTEL*
- Python Foundation - *Infosys Springboard*

## Co-Curricular Activities

- Attended International Conference - ROTASIA Bangladesh
- Attended Global Entrepreneur Summit (GES-2023)
- Participated in various Hackathons (Smart India Hackathon, PVPSIT Hackathon)
- Student Coordinator for SITAR - 2K23 (PVPSIT)
- Member of Rotaract club - PVPSIT
- Attended Workshop on Web Development

## Interests

- Chess
- Cricket
- Table Tennis