# Sai Jayanth Jampa

UG Student
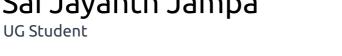
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Self-motivated Computer Science student with determination and consistency towards work. I strive to understand and create innovative solutions for real world problems. I am eager to gain experience by contributing to progressive projects in the software fields. I am a strong team player.

## EDUCATION

**BTech in Computer Science Engineering(Pursuing)**
Mahatma Gandhi Institute of Technology (MGIT)
*2021 - 2025*                    *Present CGPA: 8.69*

**Telangana State Board (Intermediate Public Examinations)**
Narayana Junior College
*2019 - 2021*                    *Percentage: 98.0*

**SSC (Board of Secondary Education)**
Narayana E-Techno School
*2019*                    *CGPA: 10.0*

## INTERNSHIPS

**Data Science Intern**
Cyient Ltd.
*10/2024 - 01/2025*

Achievements/Tasks
- Conducted exploratory data analysis and implemented regression and machine learning models (PCA, XGBoost, Random Forest) to identify key parameters affecting semiconductor manufacturing processes. Researched lithography techniques and optimized data insights for threshold-based filtering.

**Full Stack Developer**
EdCults
*03/2024 - 08/2024*

Achievements/Tasks
- I worked on a group project where we developed a **food ordering bot** with advanced AI capabilities. We used Vite and **React.js** for the frontend, and **Express.js** for the backend, seamlessly integrating the two. The AI model was deployed using FastAPI. Our bot supports both speech-to-text and text input, making it easy for users to place orders.
- I collaborated on a group project to develop an **online grocery delivery system**. We used **React.js** for the frontend and **Spring Boot** for the backend, ensuring the integration between the two. We also integrated secure payment processing and created an admin panel to manage the system efficiently.

## SKILLS

Java · Python · C/C++ · HTML/CSS · JavaScript · React.js · RESTful APIs · Node.js · Express.js · Spring Boot · MySQL · MongoDB · Data Science · DSA

## PROJECTS

MERN Blog Application
- Developed a Blog Application with user authentication, registration, post management, and search features. Implemented post creation, editing, deletion, and search capabilities. Enabled post owners to manage their content effectively - **MongoDB, Express.js, React.js, Node.js**

Enhancing Food Delivery: Secure, Tracked, and Tailored for Every Role
- I developed a food delivery web application using **React.js** for the frontend and **Spring Boot** with an **MySQL** database for the backend. The app features role-based access for customers, delivery agents, and admins, with secure user authentication via **JWT**. Real-time order tracking was integrated to enhance the user experience, and RESTful APIs were used for seamless frontend-backend communication

Employee Management System - Spring Boot
- Developed an Employee Management System with a robust admin console featuring CRUD operations. Utilized Spring Boot for the backend, React.js for the frontend, Axios for API calls, and MySQL for database management- **Spring Boot, React.js, Axios, MySQL**

## CERTIFICATES

Innovasia conducted by Vasavi| 24 hour National-level Hackathon| Online and Offline

Certification in Java Programming by Oracle Academy

Wipro TalentNext course on Java Full Stack Certification 2024

## LANGUAGES

English
*Full Professional Proficiency*

Telugu
*Full Professional Proficiency*

Hindi
*Full Professional Proficiency*