

# SIDDHARTHA SAI VENKAT Y

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## CAREER OBJECTIVE

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Computer Science undergraduate skilled in data structures, algorithms, and full-stack development, eager to build cloud applications and distributed systems. Passionate about creating secure, scalable solutions using agile methods.

## EDUCATION

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**Prasad V Potluri Siddhartha Institute of Technology**

*B.Tech - Computer Science and Engineering - CGPA - 9.2*

**September 2022 - Present**

*Vijayawada, Andhra Pradesh*

**Sri Sarada Junior College**

*Intermediate in MPC - Percentage - 97.3*

**2022**

*Vijayawada, Andhra Pradesh*

**Nalanda Vidya Niketan**

*Tenth, Marks - Marks - 428/500*

**2020**

*Vijayawada, Andhra Pradesh*

## EXPERIENCE

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**Frontend Development Internship – CodeAlpha** [↗](#)

**Jan 2025 - Feb 2025**

*Role - Front End Developer*

*Virtual Internship*

- Developed and deployed responsive web applications using HTML, CSS, JavaScript, and React, improving page performance by up to 40% across mobile and desktop platforms.
- Enhanced UI/UX by implementing reusable React components and optimizing front-end workflows, resulting in a 25% faster feature rollout cycle.

## PROJECTS

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**Trackify** [↗](#) | React.js, Node.js, Express.js, MongoDB

- Architected a full-stack productivity platform using the MERN stack, facilitating team collaboration through goal-setting and task tracking (100+ tasks managed).
- Facilitated real-time collaboration using WebSockets, allowing multiple users to update tasks concurrently and improving team coordination speed by 40%.

**Clustering of Financial Transactions** [↗](#) | Python, Unsupervised Learning, Scikit-learn

- Designed and trained an unsupervised machine learning model using K-Means clustering to group users by spending behavior and financial habits.
- Analyzed transactional data to identify spending patterns and trends, improving segmentation accuracy and enabling better financial profiling.

**Gate Pass Generator** [↗](#) | Java, Firebase, XML, Android Studio, Git

- Engineered a contactless gate pass system for campus entry using Java and Firebase, enabling 1000+ students to request and track gate passes with real-time status updates.
- Implemented an admin approval dashboard that reduced manual processing time by 70% and increased approval response speed by over 50%.

## TECHNICAL SKILLS

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**Languages:** C, C++, Python, Java

**Technologies:** HTML, CSS, React.js, Node.js, Express.js, MongoDB, Firebase

**Concepts:** Operating System, Computer Networks, Machine Learning, DBMS

**Tools:** Git, GitHub, Postman, Visual Studio, Anaconda Navigator, Jupyter Notebook, Android Studio

## CERTIFICATIONS

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- Salesforce Certified Agentforce Specialist
- Google Cloud Generative AI Learning Path - Google Skill Boost
- Data Structures and Algorithms - Smart Interviews
- Machine Learning Fundamentals - Infosys Spring Board

## ACHIEVEMENTS AND POSITIONS OF RESPONSIBILITY

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- College Topper (2022-2023): Secured the highest academic score of the year.
- 1st Prize – Ideathon: Developed an innovative app connecting farmers with customers.
- Web Master – ACM PVPSIT Chapter: Led coding events with 300+ participants; conducted mock interviews.