

# Kotti Venkata Sai Manikanta

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## EDUCATION

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### SRKR ENGINEERING COLLEGE

Bachelor of Computer Science Engineering. GPA 8.77

Bhimavaram, Andhra Pradesh

2021 - 2025

### TIRUMALA JUNIOR COLLEGE

Student in MPC, Marks :- 886

Bhimavaram, Andhra Pradesh


2019 - 2021

## INTERNSHIP

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### Henotic IT Solutions

Jul 2023 - Sep 2023

- Implemented Java-based data structures and algorithms to solve programming challenges and enhance software efficiency.
- Project: **Java Banking System**  [github link](#)
  - Features include customer creation with an initial amount, transaction status viewing, account balance checking, deposits, and credits.
  - Technologies used** : Java, OOP concepts.

### APSCHE-IIDT - Short Term Python FSD (full stack development)

May 2024 - Jul 2023


- Developed web applications using Python and modern frameworks, gaining hands-on experience in both front-end and back-end development, and ensuring efficient and scalable solutions.
- Project: **Todo Management Application**  [github link](#)
  - Developed a Django-based Todo Management application with user authentication, task creation, status updates, and priority management. Created a user-friendly interface with intuitive forms.
  - Technologies used** : Django, Python, HTML, CSS, JavaScript, SQLite.

## PROJECTS

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### SECURE VOTING SYSTEM WITH FACE RECOGNITION

Jan 2024 - Mar 2024

- Developed a secure voting system using Flask and MySQL (XAMPP), featuring real-time face recognition for voter verification, and an administration system for creating new administrators and volunteers with usernames and passwords, while volunteers conduct elections, add new voter cards, and view all voter details.
- Technologies used:** Python, Flask, MySQL, OpenCV.  [github link](#)

### FACULTY MANAGEMENT SYSTEM

Sep 2024 - Jul 2024

- Developed a Faculty Management System for the CSE department that enables HODs to search and view detailed information about faculty members. This system retrieves data from Google Scholar, Web of Science, Scopus, and ORCID IDs, stores it in Google Sheets, and dynamically displays it on the frontend. Additionally, it features a Citations Network to track and visualize the citation impact of faculty research.
- Technologies used:** HTML, CSS, JavaScript, Google Apps Script, API's.  [github link](#)

## SKILLS

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- Programming Language** - C, C++, Python, Java, R.
- Full Stack Web App Development** - MERN stack.
- Python for backend** - Flask ,Django.
- Databases** - MySQL, NoSQL.

## CERTIFICATIONS

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- \* **AI-ML Virtual Internship** - I have acquired a solid understanding of foundational concepts in AWS Cloud and Machine Learning, and I have gained hands-on experience with these concepts through AWS labs.
- \* **Successfully completed CCNAv7** - Introduction to Networks, demonstrating proficiency in configuring networks, understanding OSI model layers, and implementing security best practices.