

KOTTI VENKATA SAI MANIKANTA

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EDUCATION

- SRKR ENGINEERING COLLEGE** 2021 - 2025
Bachelor of Technology in Computer Science - CGPA 8.77 Bhimavaram, Andhra Pradesh
- TIRUMALA JUNIOR COLLEGE** 2019 - 2021
Board of Intermediate Education Andhra Pradesh - Marks :- 886 Bhimavaram, Andhra Pradesh

EXPERIENCE

- Henotic IT Solutions** July 2023 - September 2023
Java Developer Intern
 - Designed and implemented Java-based data structures and algorithms to improve software efficiency.
 - Developed a Java Banking System leveraging OOP concepts, enabling features such as customer creation, transaction status viewing, account balance checks, deposits, and credits.
- BlackBuck** May 2024 - July 2024
Full Stack Development Intern (Python)
 - Contributed to the development of web applications using Python and modern frameworks, focusing on both front-end and back-end development.
 - Developed a Django-based Todo Management Application featuring user authentication, task creation, status updates, and priority management, while ensuring a user-friendly interface with intuitive forms.

PROJECTS

- Secure Voting System with Face Recognition** January 2024 - March 2024
Tools: Flask, OpenCV, XAMPP
 - Developed a secure voting system utilizing Flask and MySQL (XAMPP), incorporating real-time face recognition for voter verification to enhance security and accuracy in voting processes.
 - Created an administrative interface for managing new administrators, volunteers, and voter records.
- Faculty Management System** May 2024 - July 2024
Tools: Google Apps Script, APIs
 - Designed a Faculty Management System for the CSE department, allowing HODs to retrieve and view faculty information from platforms like Google Scholar and ORCID IDs—the data is stored in Google Sheets.
 - Implemented a dynamic Citations Network feature to visualize the citation impact of faculty research effectively.

SKILLS

- Programming Languages:** Java (basic), Python, C, C++, SQL, JavaScript, HTML/CSS, R (basic)
- Web App Development:** MERN Stack (MongoDB, Express.js, React, Node.js)
- Frameworks:** Tailwind CSS, Express.js, Flask, Django (basic)
- Development Tools:** Git, GitHub, Visual Studio Code

CERTIFICATIONS

- Completed a 10-week AI-ML Virtual Internship, supported by AWS Academy, focusing on foundational and practical skills in Artificial Intelligence and Machine Learning.
- Completed CCNA v7: Introduction to Networks, gaining foundational skills in network configuration, IPv4/IPv6 addressing, OSI model, network security, and troubleshooting connectivity issues.
- Completed a 10-week Android Developer Virtual Internship, supported by Google for Developers and India Edu Program, focusing on Android application development skills and industry practices.