

MAVURU NIKHIL

 Github |  LinkedIn |  Portfolio
 nikhil_mavuru@srmap.edu.in |  +91-8186907508

EDUCATION

2021 - 2025	Bachelor's Degree at SRM University-A.P.	(GPA: 8.54/10.00)
2021	Class 12th at Sri Chaitanya Junior College	(Percentage: 97.80/100.00)
2019	Class 10th at Sri Chaitanya School	(GPA: 10.00/10.00)

SKILLS

Web Development	HTML, CSS, JavaScript, ReactJS
Technical Skills	C++, R, JavaScript,DBMS,SQL
Core Technical Skills	OOPS, Computer Networks, Operating Systems,Data Structures and Algorithms
Soft Skills	Communication, Leadership, Teamwork, Problem-Solving

WORK EXPERIENCE

Internship on Data Analysis Using Python, APSSDC May 2023 - August 2023

- Gained proficiency in data analysis using Python, focusing on data manipulation, statistical analysis, and visualization.
- Worked on the "Adult Census Income" project, predicting income levels based on the UCI Adult Dataset to analyze key factors influencing income inequality in the U.S.

Research on Cancellable Biometrics, SRM University Aug 2023 - Dec 2023

- Conducted research on cancellable biometrics, developing techniques that improved biometric data security by 30%.
- Tested biometric templates across datasets, reducing unauthorized access attempts by 25%, enhancing overall system security.

PROJECTS

Clever Convo AI - React

- Recognized the need for a more interactive and user-friendly AI-driven conversation tool to improve engagement and accessibility.
- Designed and developed "Clever Convo AI" using React.js, leading the frontend efforts. Successfully integrated natural language processing APIs, resulting in a responsive and engaging application that received strong positive feedback.

Student Report Management- C++

- Identified the need for an efficient system to manage and track student records, enhancing accuracy and accessibility of student data.
- Designed and implemented a comprehensive Student Report Management system using C++, featuring user friendly interfaces for efficient data entry, retrieval.

Virtual Assistant - Python

- Automated various tasks by crafting a voice-based AI assistant with Python, integrated with the web to deliver real-time responses with efficiency and accuracy.

EXTRA-CURRICULAR ACTIVITIES

- Volunteered for local charities, coordinating fundraising and contributing to welfare initiatives.
- Actively participated in hackathons and coding competitions and improving collaborative problem-solving skills.
- Member of the university's coding club, collaborated with peers to organize coding events and mentorship sessions for beginners.