

SAHANA N

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CAREER OBJECTIVE

Self-motivated engineering professional in training with a strong foundation in analytical thinking and programming. Eager to apply technical skills to real-world challenges, contribute to organizational growth, and advance toward becoming a proficient software development specialist. .

INTERNSHIP

Web Development

July 5 - Sep 5 2024

Completed live web development projects as part of a structured internship program. Applied front-end and back-end development concepts to design and build responsive, user-focused web interfaces. Gained hands-on experience with modern web technologies, coding best practices, and collaborative workflows. Recognized as an enthusiastic and dedicated contributor to the internship program.

PROJECTS

Epileptic Seizure Detection in EEG Signal Using Machine Learning

[Link to Demo](#)

Designed and implemented a Flask web application for automated detection of epileptic seizures from EEG (Electroencephalogram) data. Developed and trained a Random Forest Classifier to predict seizure severity levels. Integrated a user-friendly interface allowing patients to upload EEG data, receive predictions, connect with doctors, confirm appointments, and submit feedback. The backend uses SQLite for data storage and Pandas for EEG data preprocessing.

Screen Time Analysis Using Python

[Link to Demo](#)

Built a Python application that tracks and analyzes screen usage data to understand digital behavior and productivity patterns. The system processes usage logs, computes total screen time, app-wise distribution, and daily averages, and visualizes results through charts using Matplotlib. Implemented data handling with Pandas and optimized analysis through time-series grouping and statistical summaries.

EDUCATION

2021 - 2025 Bachelor's Degree at **Sri Siddhartha Institute of Technology**

(CGPA: 8.81/10)

2021 Class 12th Sri Byraveshwara Rural Composite PU College

(95.6)

2029 Class 10th Sri Byraveshwara Vidyaniketana

(92.96)

CERTIFICATIONS

Web Development I Internz learn

HTML/CSS Bootcamp I letsupgrade

SKILLS

Languages: Java, JavaScript, OOP

Web Technologies: HTML, CSS

Database: SQL

LANGUAGES

Language known: English, Kannada, Telugu