

Sahana N

Vallageranahalli | sahananreddy52003@gmail.com | 8310720776 | LinkedIn | GitHub

Career Objective

Aspiring Software Engineer and Machine Learning Enthusiast passionate about building scalable applications and data-driven solutions. Seeking to contribute strong problem-solving, programming, and analytical skills to a collaborative engineering team.

Technical Skills

Languages: Java, Python, JavaScript

Web Technologies: HTML, CSS

Frameworks & Tools: NumPy, Pandas, Scikit-learn, Matplotlib, Git

Database: SQL

Projects

Epileptic Seizure Detection in EEG Signals Using Machine Learning

- Built and optimized ML models (SVM, Random Forest) on EEG datasets to detect epileptic seizures, achieving classification accuracy of ~92%. Applied preprocessing, filtering, and normalization for cleaner data inputs. Validated results through cross-validation to ensure robust performance.

Screen Time Analysis

- Designed a Python-based analytics tool that visualized daily screen usage trends for over 1000+ data points. Improved computational efficiency by 40% using NumPy and Pandas and generated actionable insights via Matplotlib dashboards.

Education

Sri Siddhartha Institute of Technology, Tumkur — B.E. in Information Science and Engineering

Dec 2021 – Jun 2025 | CGPA: 8.81

Coursework: Java, Web Development

Certificates

- Web Development – Internz Learn
- HTML/CSS Bootcamp – LetsUpgrade
- Java Course – Xworkz

Other Activities

- Actively participated in the All India Naukri Career Aptitude Test (NCAT), assessing analytical, problem-solving, and logical reasoning capabilities.

Languages

English, Kannada, Telugu