

SAHANA N

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Career Objective

Self-motivated engineering graduate with strong foundations in **programming** and **problem-solving**, seeking an entry-level **software development role** to apply and grow technical skills.

Professional Experience

Web Development Intern — Internz Learn

Jul 2024 – Sep 2024

- Completed live web development projects in a structured internship program. Applied **front-end and back-end development concepts** to design and build **responsive, user-focused interfaces**.
- Gained hands-on experience with modern web technologies, **coding best practices**, and collaborative workflows using **Git/GitHub**.

Full Stack Developer

Aug 2025 – Present

- Designed and developed **end-to-end Java web applications** using **Servlets** and **MVC architecture**.
- Created responsive UI using HTML, CSS, Bootstrap, and JavaScript.
- Integrated **MySQL** using **JDBC** for secure CRUD operations.
- Applied industry-standard coding practices and Git-based workflows for **collaborative development**.

Projects

Epileptic Seizure Detection Using Machine Learning

GitHub

- Developed a **Flask web application** for automated detection of epileptic seizures from EEG data.
- Built and trained a **Random Forest classifier** to predict seizure severity levels.
- Implemented a user interface for EEG upload, results, doctor consultations, appointments, and feedback.
- Used **SQLite** for data storage and **Pandas** for EEG data preprocessing.
- Technologies:** Python, Flask, Random Forest, Pandas, SQLite, HTML, CSS

Screen Time Analysis Using Python

- Built a Python application to analyze **screen usage patterns and productivity**.
- Computed total screen time, app-wise distribution, and daily averages.
- Visualized insights using **Matplotlib** charts.
- Technologies:** Python, Pandas, Matplotlib

Education

2021 – 2025 **B.E. in Engineering**, Sri Siddhartha Institute of Technology

CGPA: 8.81/10

Certifications

Web Development — Internz Learn

Jul 2024 – Sep 2024

- Tools: HTML, CSS, JavaScript, Bootstrap, **Git/GitHub**, MySQL

Skills

Languages: **Java** (Data types, Constructor, Array, OOP, Collections, Exceptions), JavaScript
Web: HTML, CSS, Bootstrap, **Servlets** (Request/Response, Sessions, Cookies), **Spring** (IOC, Dependency Injection, Annotations)
Database: **MySQL** (DDL, DML, Joins, Subqueries), **JDBC** (CRUD Operations, Prepared Statements)
Tools: VS Code, IntelliJ IDEA, MySQL Workbench, Git/GitHub

Languages

English, Kannada, Telugu