SOWMIYA A

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Career Objective:

Knows basic fundamentals of few programming languages with solid basement in software development and problem solving. Enthusiastic about leveraging technical skills and interpersonal abilities to contribute to innovative projects.

Educational Qualification:

B.Tech Information Technology | Jerusalem College of Engineering | 2021 – 2025 | 74 %

HSc | Chennai Girls Matriculation Higher Secondary School | 2019 – 2021 | 86%

SSLC | Balar Gurukulam Matriculation School | 2018 – 2019 | 85%

Internship:

• Python - Internz Learn | April - June 2022

Begginer in Python programming with a basic understanding of core concepts, including data types, control structures, functions, and object-oriented programming.

• FrontEnd - ReTech Solution Private Limited | March - May 2023

Familiar with front-end development fundamentals, including HTML for structuring web content, CSS for styling and layout, and JavaScript for creating dynamic and interactive user interfaces.

• FullStack - LEITEN Technologies Private Limited | Dec 2024 - Jan 2025

Learned about the core of MsSQL, .Net and ReactJS with creating a database and implementing in .Net project. Created a Webpage in ReactJS with the given database from the backend. Known about various fundamentals and properties in JavaScript and ReactJS for the project creation and fetching datas from the backend.

Project Work:

Mini Project | Women Safety Alert System

o Designing an effective system for women's safety by adding extra feature in the application we have built a project to reduce the risk of women harrassement.
o Programmed the voice recognition system and can set the specific word like 'Help' or 'Quick' the system will detect our voice and send the emergency call, message and location to the selected contacts.
o Conducted system testing to ensure the emergency call, message and location to the selected contacts by using documented system architecture, code, and testing protocols for future reference.

Major Project | Heart Sight using ML

- o This project presents a Heart disease remains leading cause of mortality worldwide, necessitating effective predictive models for early detection and intervention.
- o Using a dataset with various features it will be preprosessed as the graph and shows the risk factor of the people by the features.
- o Implemented a two algorithms 'Ada Boost' and 'Hist Gradient' which predicted the high accuracy with lots of dataset in a low time. By combining two weaker features this algorithms predicted the risk factor with high accuracy of heart disease.
- o Completed the project with python framework to present the predicted accuracy in a webpage by the codes and for the upcoming need.

Technical Skills:

Languages: SQL(Intermediate), Java(Basic)

Worked: Canva, VSCode, GitHub

Skills:

Good Communication Skill

Lead the Team

Quick Learning and Time Management

Certifications:

- Principle of Management - by NPTL

- Programming fundamentals using Python - InfosysSpringboard

- Object Oriented Programming using Python - InfosysSpringboard

- Fullstack development Internship - LEITEN technologies pvt.ltd