

SHARMILA SELVAM

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EDUCATION

PSNA COLLEGE

B.E in Biomedical
and Engineering - 2025
CGPA: 7.8

RAMSUN'S SCHOOL

HSC - 2021
PERCENTAGE: 88.5%

RAMSUN'S SCHOOL

SSLC - 2019
PERCENTAGE: 86.2%

SKILLS

LANGUAGES

Intermediate: Java, HTML, CSS, SQL
Basics: Javascript

SOFT SKILLS

Analytical thinking, Communication

COURSEWORK

GRADUATE

Web Development
Object-Oriented Programming

CERTIFICATIONS

JAVA

Platform: Hackerrank

HTML

Platform: Sololearn

MEDICAL EQUIPMENT TRAINING

Provider: Atheenapandian private
limited

AREA OF INTEREST

Product Development Engineer
Web Development

LANGUAGES

Tamil, English

EXPERIENCE

INNOBYTE SERVICES |INTERN

Dec 2024 – Jan 2025

- Gained practical experience in web development through hands-on training, working with HTML and CSS to build interactive and responsive web applications.
- Applied best practices in front-end development by working on a Guest House Management project during an internship.
- Tech Stack: **HTML, CSS**
- Website Link://GuestHouse

PROJECTS

IOT BASED PULSE SENSOR MONITOR | MAIN PROJECT

Sep 2024 – Oct 2024

- Engineered a real-time pulse rate monitoring system using Arduino and IoT.
- Integrated a Flutter-based mobile application for real-time data visualization and automated emergency alerts.
- Reducing response times to critical conditions by **40%**.
- Tech Stack: **Arduino, flutter, protocols**

WEATHER API | MAIN PROJECT

- Developed a real-time weather application using HTML, CSS, and JavaScript, enabling users to access up-to-date weather conditions based on location input.
- Integrated the OpenWeatherMap API to fetch and display key weather metrics.
- Improving information retrieval efficiency by **30%**
- Website Link://Weather App

TO-DO LIST WEB APPLICATION | MINI PROJECT

- Designed and developed a dynamic task management web application using HTML, CSS, and JavaScript, enabling users to efficiently organize and track their daily activities.
- Implemented interactive features, including task addition, real-time status updates with a strikethrough effect for completed tasks.
- Leading to a **25%** improvement in task completion efficiency.
- Website Link://To-Do list

TECH PROFILE LINKS

- Portfolio:// **Portfolio**
- GitHub:// **Sharmila S**