

Sweatha.S

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About

I am a motivated pre-final year engineering student with a strong interest in AI-focused Full Stack Development and hands-on internship experience in Web Development. I enjoy working with Python, AI, and Data Science, and I am passionate about creating practical and scalable solutions. I am a confident and adaptable team player and a leader who is always eager to learn new technologies and contribute positively in collaborative and growth-oriented environments.

Area of Interest

Artificial Intelligence, Full Stack Web Development, and Data Science. Passionate about building intelligent, scalable, Secure Databases and user-friendly applications.

Experience

IBM (Naan Mudhalvan) - AdroIT Technologies

Intern - Virtual

December 2025 – February 2026

- Successfully completed a virtual internship focused on real-world project development in collaboration with industry partners.
- Designed and developed a Project Management Tool, gaining hands-on experience in system design and implementation aligned with industry standards.
- Strengthened problem-solving, analytical thinking, and technical skills through structured project execution.

Projects

RETAIL PERFORMANCE ANALYZER

Performance Analyzer [↗](#)

- Developed a retail data analysis tool to extract business insights from supermarket sales data.
- Visualized sales trends and customer patterns
- Tools Used: PYTHON , PANDAS , MATPLOTLIB , SEABORN

BLIP - BASED IMAGE CAPTIONING

BLIP [↗](#)

- Developed an AI-powered image caption generator using BLIP Transformer models to generate meaningful descriptions for images
- Designed a simple GUI for quick image captioning.
- Tools Used: Python, Pillow, PyTorch, Hugging Face Transformers

PROJECT MANAGEMENT SYSTEM

PMS [↗](#)

- Developed a web-based Project Management System.
- Designed core features including project and task management.
- Tools Used: HTML, CSS, JavaScript, (add backend if used: Node.js / PHP / Python), Database (MySQL / SQLite)

Technologies

Languages: Python , Java Script , SQL

Technologies: MongoDB, MySQL, CSS , Rest API

Soft Skills : Team Collabration, Problem Solving, Time Management, Communication, Poster Making , Leadership

Tools : Git/GitHub, Visual Studio Code, Canva,

CERTIFICATIONS

Complete Front End Development

Introduction to MySQL

MongoDB

Project On MYSQL

Platform :Infosys Springboard

COURSEWORK

Database Management Systems

Data Structures and Algorithms

Object-Oriented Programming

SQL , MYSQL, DBMS

Education

JEPPIAAR ENGINEERING COLLEGE

B.Tech - Information Technology

- CGPA: 8.0/10.0

Expected May 2027

ST MARY'S MATRIC HR SEC SCHOOL

Higher-Secondary School [HSE]

- PERCENTAGE: 66.16%

Mar 2023

ST MARY'S MATRIC HR SEC SCHOOL

SSLC

- PERCENTAGE: 77.83%

Jul 2021

Achievements

Earned HackerRank Python 2-star for programming proficiency

Earned HackerRank 1-star for Problem Solving

Runner-up in Poster Making Competition at FuturaX 2025.

LANGUAGES

English : Advanced

Tamil : Advanced

TECH PROFILES

Portfolio : sweathas.netlify.app 

LinkedIn : [sweatha-s](#) 

GitHub : [sweatha2005](#) 