SWATHI S P

Software Developer

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PROFESSIONAL SUMMARY

AI and Machine Learning aspirant with strong interest in building practical ML applications and web-based systems using Python and modern technologies. Seeking opportunities to learn, contribute, and grow in a professional environment, with a long-term goal of working in a Japanese technology company.

PROFESSIONAL EXPERIENCE

AI & Machine Learning Project Developer

Academic Projects / Self Projects

Karur, India

2025-06-05 - Present

Developed and implemented multiple AI and web-based applications including weather prediction systems, campus recruitment management system, and AI idea generation tools. Worked with Python, machine learning models, HTML, CSS, JavaScript, and database integration. Designed user interfaces, implemented backend logic, and created demo videos for project validation. Improved problem-solving skills and understanding of real-world software development workflows.

PROJECTS

EC Films – Event Visual Solutions Business Website

HTML, CSS, JavaScript, PHP, MySQL, Web Hosting, Domain Management 2025-11-01 - 2026-01-15

Designed and developed a real-time business website for an event visual solutions company providing LED wall, projector, and audiovisual services. Implemented responsive UI, service listings, gallery sections, and contact forms for customer inquiries. Managed domain purchase, web hosting setup, and deployment using live server environment. Improved practical skills in client-based requirement analysis, website optimization, and real-world deployment processes.
Live: https://ecfilms.in

ChefSphere – Smart Cooking Assistance Mobile Application

Python, Machine Learning (Basics), Android App Development, API Integration, UI Design

2025-08-01 - 2025-11-26

Developed a mobile application as part of the Mobile Application Development course project to assist users with cooking guidance and recipe recommendations. Implemented user-friendly interfaces for recipe selection and step-by-step cooking instructions. Integrated basic machine learning concepts to suggest recipes based on available ingredients and user preferences. Improved skills in mobile UI design, application workflow management, and integrating intelligent features into practical applications.
GitHub: https://github.com/Swathi-1111/CHEFSPHERE

LINKS

WEBSITE

https://swathi-1111.github.io/portfolio/

LINKEDIN

https://www.linkedin.com/in/swathi-s-p-ss

GITHUB

https://github.com/Swathi-1111

EDUCATION

Bachelor of Engineering

M KUMARASAMY COLLEGE OF ENGINEERING

KARUR,INDIA | 2027-06-10

GPA: 7.6

Relevant coursework includes Python Programming, Data Structures, Database Management Systems, Machine Learning basics, and Web Development. Actively involved in academic and self-driven projects such as weather prediction using machine learning, campus recruitment management system, and AI-based applications. Participated in technical workshops and continuously improving skills in AI, full-stack development, and problem-solving.

SKILLS

Programming Languages

Python   JavaScript   HTML   CSS
SQL

Frameworks & Libraries

Flask   Scikit-learn   TenserFlow

Tools & Technologies

MySQL

Soft Skills

Problem Solving   Quick Learner