SATHYA PERUMAL RAJ

+91 9791449077 | sathyapm1006@gmail.com | <u>Likedin</u> | <u>Github</u> | <u>LeetCode</u>

FULL STACK DEVELOPER

Creative and detail-oriented Full stack Developer with a strong foundation in web development, responsive design, and modern UI practices. Currently pursuing B.Tech IT - Final Year. Experienced in building dynamic, user-friendly websites using HTML, CSS, JavaScript. Adept at collaborating in team environments and delivering quality results through hands-on projects and internships.

TECHNICAL SKILLS

Frontend: HTML, CSS, JavaScript, Figma, Framer
Backend: PHP, MySQL
Tools & Platforms: VS Code, Git, GitHub
Other Languages: Java, Python (Basic)
Concepts: Responsive Design, DOM Manipulation, REST APIs, MVC Architecture

INTERNSHIP EXPERIENCE

Full Stack Developer Intern – Skill Park, Erode   **Jan 2025**

 - Developed a responsive web-based Emergency Ambulance Hiring System using HTML, CSS, JavaScript, and PHP.
 - Integrated MySQL for real-time booking management and backend logic.
 - Improved user interaction flow and reduced booking friction via optimized UI.

AI & ML Intern – AICTE-Microsoft & SAP via Edunet Foundation   **Dec 2024 to Jan 2025**

 - Built an AI-based Plant Disease Detection System using Python, OpenCV, and machine learning models.
 - Applied image classification and model optimization techniques to improve system accuracy.
 - Participated in workshops led by Microsoft and SAP mentors on supervised learning and DL concepts.

PERSONAL PROJECTS

Crop Yield Optimization System | <u>Live Demo</u>

 - Web-based app that recommends optimal crops using weather and soil input data.
 - Tech: HTML, CSS, JavaScript, React.js

Food Share Platform | <u>Live demo</u>

 - A web application facilitating the donation and sharing of surplus food to reduce waste and support community needs.
-Tech: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Vercel (for deployment)

EDUCATION

B.Tech Information Technology | 2022 - 2026
Nandha Engineering College | 9.2 CGPA

CERTIFICATIONS

- Cloud Computing - NPTEL
- Privacy and security in online social media - NPTEL

ACHIEVEMENTS

Winner | Mar 2024
Eon Encoding Coding Competition, Kongu Engineering College

Runner-Up | 2023 - 2024
Bitbattles, PaperPulse, and Prompty Blogger AI Competitions