

SURAJ PS

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EDUCATION

KLN COLLEGE OF ENGINEERING

B.E. IN COMPUTER SCIENCE AND

ENGINEERING

Pottapalayam, Sivaganga

Cum.GPA: 7.4

SKILLS

PROGRAMMING

PHP

JavaScript

C basics

WEB TECHNOLOGIES

HTML

CSS

MySQL

React JS

TOOLS

Git | GitHub

Visual Studio Code

XAMPP

IntelliJ IDEA

Android Studio

LIBRARIES & APIS

HybridAuth

API Integration

CERTIFICATIONS

AWS Academy Cloud Foundation

Foundation of CyberSecurity

ADDITIONAL INFORMATION

LANGUAGES

English

Tamil

HOBBIES

Watching Movies

Web Development

ACHIEVEMENTS

IEEE Conference research paper on Cloud-Integrated Dynamic Freshener for Indoor Air Quality Management.(2025)

IEEE research paper on IoT-Enabled Smart Room Freshener For Enhanced Indoor Air Quality Management. (2024)

EXPERIENCE

TM DIGITAL TECH | WEB DEVELOPER INTERN

Aug 2025 – Oct 2025 | Madurai, TamilNadu

- Spearheaded the development of full-stack web solutions using PHP and MySQL, focusing on scalable backend architecture.
- Implemented complex features including secure role-based authentication, dynamic content management systems, and interactive Kanban boards.
- Designed and deployed database-driven booking systems with integrated payment calculation logic for client applications.

WEB DEVELOPMENT PROJECTS

FULL-STACK ADMIN DASHBOARD & CMS

Sep 2025 – Oct 2025 |

Personal Project

- Developed a comprehensive admin dashboard from scratch using PHP and MySQL.
- Implemented a secure, role-based authentication system to manage user permissions.
- Built full CRUD (Create, Read, Update, Delete) functionality for managing site content, such as posters and user profiles.
- Integrated a dynamic Kanban board feature for project management.

RESTAURANT WEBSITE & BOOKING SYSTEM

Sep 2025 |

Personal Project

- Designed and developed a dynamic website for Restaurant using PHP and MySQL.
- Built a system to fetch and display dynamic content (menus, ambience) from a database.
- Created a complex booking form for pre-ordering food and calculating advance payments.

IOT & HARDWARE PROJECTS

CLOUD-INTEGRATED DYNAMIC FRESHENER FOR INDOOR AIR QUALITY MANAGEMENT

Jan 2025 – Apr 2025 | Madurai, TamilNadu

- Designed and implemented a cloud-connected solution combining hardware, software, and UI components to autonomously manage indoor air quality.
- Enhanced system efficiency with motion detection and usage tracking, ensuring minimal waste and timely replacement of freshener units.

POSITION OF RESPONSIBILITY

TEAM LEAD FOR A COLLEGE PROJECT: CLOUD-INTEGRATED DYNAMIC FRESHENER FOR INDOOR AIR QUALITY MANAGEMENT

Jan 2025 – Apr 2025 | Madurai, TamilNadu

Team Leader