

Sivaprakasan K

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8610226046

Enthusiastic and detail-oriented software engineer seeking to contribute to innovative projects in web development and application design. Skilled in building responsive, user-focused interfaces and developing scalable, efficient solutions using modern web technologies such as HTML, CSS, JavaScript, React, and Figma. Eager to apply problem-solving abilities, adaptability, and a passion for continuous learning to deliver value across diverse technical environments.

Core Skills

HTML, CSS and JavaScript, React, Figma, mongoDB, MS-Office, Computer Literacy

Soft Skills

- Clear Communications
- Quick Learner
- Team Collaboration
- Adaptability
- Flexible to work

Projects

FitTracker Pro - Web Application

Jul 2025 - Oct 2025

Developed a responsive web application to manage diet plans, workout routines, and track progress. Built modular React components with state management for smooth navigation and dynamic updates. Integrated local storage for data persistence, enabling habit tracking, goal setting and progress monitoring. Focused on clean UI/UX to enhance user engagement and usability.

Daily Habit Tracker with Statistics & Analytics

Jul 2025 - Sep 2025

Developed an interactive web app to track daily habits, set goals and monitor progress with statistical summaries and visual analytics. Implemented React components, state management and local storage for seamless user experience and data persistence. Enabled Habit completion tracking, Progress calculation and dynamic UI updates to enhance user engagement.

Adaptive Intrusion Detection Harnessing ML for Network Security

Jan 2024 - May 2024

Developed an Adaptive Intrusion Detection System using machine learning to enhance network security. The system analyzes network traffic, detects emerging threats in real-time, and reduces false positives, providing robust protection against evolving cyber threats.

Faculty Academic Scheduling Web Application

Sep 2023 - Nov 2023

Developed a Faculty Academic Scheduling Web Application to streamline the scheduling process for faculty members. The application automates timetable creation, manages conflicts, and ensures efficient allocation of resources, improving academic workflow and reducing manual scheduling errors.

Online Food Delivery Management System Web Application

Jan 2022 - Apr 2022

Developed an Online Food Delivery Management System to streamline ordering, delivery, and payment processes. The system manages restaurant menus, customer orders, and delivery logistics, ensuring efficient order processing, real-time tracking, and a seamless user experience.

Education

Karpagam College of Engineering, Coimbatore

Jan 2022 - May 2024

MCA Computer Applications
GPA 7.07

K. S. Rangasamy College of Arts and Science, Tiruchengode

Jun 2019 - Apr 2022

B.sc Computer Science
GPA 6.89

Jawahar Matric Higher Secondary School, Neyveli

Jun 2018 - Apr 2019

HSC (Computer Science and Mathematics)
GPA – 5.0

Jawahar Higher Secondary School C.B.S.E, Neyveli

Jun 2017 - Apr 2018

SSLC
GPA – 6.7

Languages:

English (*fluent*), Tamil (*fluent*)

Certificates

Frontend Development with React & JavaScript

Bix IT Academy, Chennai
2025

HTML and CSS: Introduction to Web Development and Coding

Udemy

Backend Development with Node.js and MongoDB

Marcello Tech

Publications

Adaptive Intrusion Detection Harnessing ML for Quantum Networking Security

Oct 2024

Published on: IGI Global Scientific Publishing
DOI: 10.4018/979-8-3693-9336-9

[Adaptive Intrusion Detection: Harnessing ML for Quantum Networking Security: Computer Science & IT Book Chapter | IGI Global Scientific Publishing](#)

Presented at the International Conference on Engineering and Advancement in Technology (ICEAT 2024), Malla Reddy Institute of Engineering and Technology, Telangana.

Interests

Web Development, Software Testing, Software Development, Quality Analysis