

SABARIVASAN S.M

WEB DEVELOPER

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 portfolio.vasan.tech

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 Sabari-Vasan-SM

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Education

B.Tech-IT (6.81)
Kongu Engineering College.
2025

Diploma - Mechanical (85%)
Sakthi Institute Of Technology.
2023

HSLC (85%)
SVV . Hr. Sec. School.
2021

SSLC (68%)
Govt Boys Hr. Sec. School.
2019

Certification

Mongo DB Associate Developer

Skills

Language : Python,Java Script

Front End : HTML,CSS,React JS

Back End : Node JS

Database : SupaBase,Mongo DB

Version Control : Git,Git Hub

Design Tools : Miro,Figma,Canva

Area Of Interest

- Web Development
- Internet of Things
- Mechanical Engineering Integration with IT

Career Objective

To leverage my knowledge in Mechanical Engineering and Information Technology to develop efficient solutions that enhance productivity and innovation within the organization and contribute to the company's success.

Work Experience

CNC Operator

Sakthi Auto Components, Perundurai (1 months)

Operated CNC machines to craft high-precision components and performed detailed inspections to ensure quality and operational efficiency.

Internship

Web Development

InternPe (1 months ,online)

Completed a web development internship where I learned HTML, CSS, and JavaScript by building responsive websites and UI projects

Projects

E learning platform :

A web app to help students learn programming. Users can write and run code in real-time without installing any software.

Git : github.com/Sabari-Vasan-SM/E-learning-Platform

GCrafter :

A site for CNC and 3D printing users to test G-codes online. It shows real-time visual feedback to catch issues before using actual machines.

Live Demo : gcrafter.vasan.tech

Git : github.com/Sabari-Vasan-SM/GCrafter

Sport Connect:

A platform that connects athletes with sports organizations. Athletes can share their progress, and organizations can promote events and connect with talent.

Git : github.com/Sabari-Vasan-SM/Sport-Connect-SIH-

Air Quality Monitor (IOT).

An IoT system that tracks air quality (CO₂, gas, temperature, humidity) in real-time. Sends SMS alerts and shows data on a simple dashboard.

Live Demo : airqualitymonitor.vasan.tech

<https://github.com/Sabari-Vasan-SM/Air-Quality-Monitor-With-NODE-MCU>

Achievements

- **Selected for Smart India Hackathon (SIH)**

Proposed an innovative solution and was selected among the top projects in the institution for the national-level Smart India Hackathon organized by the Government of India.

- **2nd Prize Winner – 30-Hour Hackathon at Kongu Engineering College**

Developed a real-time air quality monitoring web app with live dashboard and SMS alerts for tracking CO₂, dust, gases, temperature, and humidity.