SIVADHARSHAN V

[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

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ABOUT

I am an enthusiastic, creative and passionate individual with diverse skills in **Front-end Web Development, Electrical and Electronics Engineering, and UX/UI Design**. I am eager to embark on a career where I can utilize and expand upon my knowledge and expertise in these fields. I have a knowledge of popular frameworks and Libraries like **React.js, BootStrap, and Chakra UI**.

TECHNICAL SKILLS

Languages	:	JavaScript, Python, C, HTML, CSS
Frameworks	:	React.js, Node.js
Libraries	:	React Router, BootStrap, Chakra UI, Tailwind CSS
Dev Tools	:	Visual Studio Code, Git, Github, Arduino IDE
Softwares	:	Figma, MS Office, Adobe XD, Adobe Illustrator, Canva

INTERNSHIPS

Front-End Web Developer Intern 01 JAN 2023 - 28 FEB 2023
@*VERZEO* *Remote*

- Designed and developed dynamic and responsive websites using **React.js and BootStrap**
- Improved **website performance** and speed through optimization techniques by using **React.js**

Internet of Things 13 FEB 2023 – 18 FEB 2023
@*ENTHU TECHNOLOGY SOLUTIONS* *Coimbatore, TamilNadu*

- Worked with **ESP32 Arduino, Arduino UNO, Node MCU, Arduino IDE, ThingSpeak and Sensors** to build IoT Appliances for Home and Industry Applications.
- Troubleshot, **fixed bugs** and issues in the circuit and code to ensure **smooth operation** of the applications

EDUCATION

SRM TRP ENGINEERING COLLEGE - ANNA UNIVERISTY Trichy, TamilNadu
Bachelor of Engineering in Electrical and Electronics Engineering *MAY 2020 – MAY 2024*

EQUITAS GURUKUL MATRICULATION HR. SEC. SCHOOL Trichy, TamilNadu
HSC **PERCENTAGE - 66.5%** *2020*

EQUITAS GURUKUL MATRICULATION HR. SEC. SCHOOL Trichy, TamilNadu
SSLC **PERCENTAGE - 80.2%** *2018*

PROJECTS

BRAZILLIA ITALIA *React.js and BootStrap* [Source Code](#)

- Designed and developed a clean and modern website using **React.js, CSS and BootStrap**
- Optimized website for **speed and user experience**
- Utilized **responsive design** to ensure compatibility across all devices

LITTLE LEMON MEDITERRANEAN RESTAURANT *Node.js, Express, JavaScript, Git* [Source Code](#)

- Designed and developed a clean and modern website using **React.js, JavaScript, and CSS**
- Merged **Resrvation Form** in the Website
- Utilized **responsive design** to ensure compatibility across all devices

BLDC MOTOR CONTROLLER IoT BASED MONITORING SYSTEM *Arduino IDE, Node MCU, BLDC* [Project Report](#)

- A wireless monitoring and control system for **Brushless DC (BLDC) motors** is presented in this paper to improve the efficiency and reliability of BLDC motor control.
- Using the wireless module, **motor operations can be controlled and monitored** remotely via the internet.
- **Temperature, current, and voltage** are also monitored with various sensors.

CERTIFICATIONS

Meta Front-End Developer - 9 Courses

- Introduction to Front-End Development

- Programming with JavaScript

- Version Control

- HTML and CSS in depth

- React Basics

- Advanced React

- Principles of UX/UI Design

- Front-End Developer Capstone

- Coding Interview Preparation

Google UX Designer - 7 Courses

- Foundations of User Experience (UX) Design

- Start the UX Design Process: Empathize, Define, and Ideate

- Build Wireframes and Low-Fidelity Prototypes

- Conduct UX Research and Test Early Concepts

- Create High-Fidelity Designs and Prototypes in Figma

- Responsive Web Design in Adobe XD

- Design a User Experience for Social Good Prepare for Jobs

Machine Learning in Infosys SpringBoard by Naan Mudhalvan - 6 Courses

- Data Visualisation using Python

- Explore Machine Learning using Python

- Introduction to Artificial Intelligence

- Introduction to Data Science

- Introduction to Deep Learning

- Python for Data Science

CONFERENCE'S

4th National Level Conference on Cutting Edge Technologies in Electrical, Communication and Soft Computing Techniques - NCCECS'23 in 10 MAY 2023

Title: BLDC MOTOR CONTROLLER IoT BASED MONITORING SYSTEM

Place: SARANATHAN COLLEGE OF ENGINEERING, TRICHY

ECEntra'22 - National Level Technical Symposium in 24 SEP 2022

Title: ROBOTICS VEHICLE

Place: K. RAMAKRISHNAN COLLEGE OF ENGINEERING, TRICHY

DST-SERB Sponsored 1st International Conference on "Emerging Trends in Electric Vehicles and Smart Technologies (ICETEVST-22)" from 21 APR 2022 to 22 APR 2022

Title: DESIGN, PROTOTYPING, AND TESTING OF A LINEAR GEOMETRY ROTATING ELECTRICAL MACHINE FOR SHIPBOARD APPLICATIONS

Place: SRM TRP ENGINEERING COLLEGE, TRICHY

INDUSTRIAL EXPOSURE

Industrial Visit in **Sathanur Hydroelectric Power Plant** is located at Sathanur, Near Thiruvannamalai, Tamil Nadu in **JUN 2022**