

JAYA VIGNESH A

Web design and developer

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SUMMARY

I'm Web Developer skilled in front-end tools like HTML, CSS, JavaScript, ReactJS, AngularJS, and NodeJS technologies. Experienced in creating responsive web pages and web sites. Strong problem-solving and analytical skills. Familiarity with version control systems like GIT version control.

TECHNICAL SKILLS

- | | | | |
|------------------------------------|----------------------------------|------------------------------------|-----------------------------------|
| <input type="radio"/> HTML | <input type="radio"/> JavaScript | <input type="radio"/> Core Java | <input type="radio"/> UI / UX |
| <input type="radio"/> CSS | <input type="radio"/> React JS | <input type="radio"/> Python | <input type="radio"/> Photoshop |
| <input type="radio"/> Bootstrap | <input type="radio"/> Angular JS | <input type="radio"/> Angular JS | <input type="radio"/> Illustrator |
| <input type="radio"/> Tailwind CSS | <input type="radio"/> Node JS | <input type="radio"/> Git / Github | <input type="radio"/> Canva |

EDUCATION

Panimalar Engineering College

Bachelor of Technology Information Technology

Percentage : 85.8%

2021-2024

Panimalar Polytechnic College

Diploma in Electronic and Communication Engineering

Percentage : 96%

2020-2021

Kendriya Vidyalaya No. 1 A.F.S

SSLC

Percentage : 69.8%

2017-2018

INTERNSHIPS AND WORKSHOPS

Magic Bus India Foundation Web development training

Nov 2024-Jan 2025

I have completed training and gained knowledge in Fundamentals of Web designing and development along with UI/UX designing. Familiar in tools like Git, Github, VSCode, HTML, CSS, Bootstrap, JavaScript, ReactJS, AngularJS, and UI/UX tools like Figma, Photoshop, Illustrator. I can build a responsive Website or Web page and have the knowledge to host in platform like Github.

[Click to see my work](#)

Digiterati Cloud computing training

Dec 2023-Jan 2024

I have attended training and gained knowledge in Fundamentals of Azure Cloud Computing along with Windows Server Management. I'm Familiar with tools like Virtual Box, Virtual Machine and Microsoft Azure application. I have the knowledge to build Windows Server Systems and create Client Systems in Microsoft Azure along with some restrictions and unique IP address configuration.

[Click to see my work](#)

ZOHO Creator Student Training

Apr 2023

I have participated in ZOHO's Young Creators Program for ZOHO Creator Student Training and learned about ZOHO's application ZOHO Creator which is a drag and drop application used for creating Forms, Workflows and Business rules.

PROJECTS

Detection of Malware attacks in Memory Dump System By using machine learning

The Detection of Malware Attacks in a Memory Dump System uses Python, Anaconda Navigator, and Jupyter Notebook for analysis. Machine learning models like SVM and Random Forest classify malware using extracted features. Libraries like Scikit-learn and TensorFlow aid in detection, improving cybersecurity.

Pill reminder and Medication tracking using OCR

A Pill Reminder and Medication Tracking app using OCR in Android Studio helps users manage their medication by extracting details from prescriptions using Google ML Kit or Tesseract OCR. The app stores the data in SQLite/Firebase and sets up automated reminders via AlarmManager or WorkManager. Users receive notifications and can track their medication intake, ensuring better adherence. The intuitive UI allows manual edits, making medication management easier and more efficient.

Electronic Voting

An Electronic Voting System using XAMPP is a web-based platform built with PHP, MySQL, and Apache for secure online voting. It allows voters to register, log in, and cast votes, with data stored in MySQL for integrity. PHP handles authentication, vote submission, and results, while HTML, CSS, and JavaScript ensure a user-friendly interface. Admins manage voters, candidates, and monitor results, making the process transparent and efficient.

IOT based industrial fault monitoring system using Arduino

An IoT-based Industrial Fault Monitoring System using Arduino detects faults in machinery using sensors for temperature, vibration, and current. Data is sent via Wi-Fi (ESP8266/ESP32) to a cloud platform for analysis. Alerts are triggered for anomalies, enabling predictive maintenance and reducing downtime.

EXTRACIRCULAR ACTIVITY

Computer Vision Club (CVC)

I was the Vice President in Computer Vision Club in Information Technology Department. I have conducted technical and non-technical events for intercollege department. Made ideas and implemented them and organized club members for individual tasks and their roles in the event.

Youth Red Cross (YRC)

Participated in the Youth Red Cross (YRC) wing of Panimalar Engineering College cleaning campaign to support the central government's Swachh Bharat Abhiyan programme to raise students' awareness of cleanliness and sanitation.

National Service Scheme (NSS)

Participated in Tree Plantation Drive conducted by our institution, Panimalar Engineering College as a volunteer and helped to plant trees and sapling around the college premises and outside of campus.

ADDITIONAL INFORMATION

Language : English | Tamil | Hindi

Useful Links :  [Portfolio](#)  [GitHub](#)  [Linkedin](#)  [Frontend Mentor](#)
