VARSHINI M

Sri Eshwar College of Engineering

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EDUCATION

B.E(CSE) - Sri Eshwar College of Engineering	**CGPA - 9.26** (upto 5th sem)	**2021 - 2025**
HSC - RGM Higher Secondary School	**97%**	**2019 - 2021**
SSLC - RGM Higher Secondary School	**97%**	**2018 - 2019**

INTERNSHIP

The Better Tomorrow Training Institute | MERN stack   **JAN 2024**

Interned in MERN stack web development, mastering React Context API, Redux, RESTful APIs, and JSON Web Tokens for secure authentication and smooth user experiences. Developed a cake store app to improve user experience, featuring easy cake browsing and selection, alongside admin tools for efficient inventory management.

Skills: React Context API, Redux, RESTful APIs, JSON Web Tokens

FUNDSINDIA   **MAY 2023**

Front-End Web Developer Intern   *Product: FI_LABS*

Interned on a team developing financial calculators (FD, RD, SWP). Ensured accuracy and optimal outcomes for FD and RD calculators. Built responsive front-end interfaces with ReactJS from functional requirements. Conducted thorough testing using SDLC and testing methodologies.

Skills: ReactJS, SDLC Methodologies || **Version Control:** Bitbucket, Git, GitHub.

PROJECTS

MediMatch - Medical Assistant [**view**] *Video (Project)*   **JAN 2024**

A chatbot model providing personalized healthcare recommendations based on user symptoms. Uses Next.js frontend, Python/Flask backend, and advanced AI techniques like RAG model and LLM with GPT OpenAI for precise analysis. FAISS algorithm ensures efficient data retrieval. Langchain framework streamlines development and deployment

TECH STACK | NextJs, Python/Flask, LLM with GPT4, RAG, FAISS algorithm, Langchain framework

SwiftStay | Instant Hotel Bookings Made Seamless! [**view**]   **AUG 2023**

Developed a responsive web application for streamlined room bookings using React, focusing on user convenience. Employed the React Context API to ensure efficient state management, enabling smooth navigation and seamless data flow within the application. Implemented JWT (JSON Web Tokens) for robust user authentication, and leveraged custom React hooks and a responsive calendar for seamless booking experience.

TECH STACK | MongoDB, ExpressJS, ReactJS, NodeJS

AYURBOT | Ayurvedic Prakriti Identification [**view**] *Video (Project)*   **JAN 2022**

Built an Ayurvedic chatbot designed to identify individual Prakriti (constitutions) through a curated set of 15 questions. Leveraging Langchain Technology, the AI-powered chatbot integrates vector storage and the FAISS algorithm, enabling advanced similarity search capabilities for accurate assessments. **PATENT Granted** Project.

TECH STACK | HTML, CSS, Flask. Machine Learning [Langchain, FAISS algorithm]

SKILLS

Languages: C, C++, Python, HTML, JavaScript, SQL

Tools: VS Code, GIT, Google Colab, MongoDB, MS Office, Excel

Frameworks: ReactJS, NextJS, MySql

Competencies: Problem solving, Object oriented Principles, SDLC Methodologies, Operating systems

CERTIFICATIONS

Summer MERN Stack Training at Better Tomorrow. **Certificate**	**2024**
Front-End Web Developer Internship - FundsIndia. **Certificate**	**2023**
Mastering in DSA using **C** and **C++,** Udemy. **Certificate**	**2023**
The Joy of computing in Python, NPTEL. (Elite + Silver) **Certificate**	**2022**

ACHIEVEMENTS

Google Girl Hackathon || Advanced to Round 2 showcasing coding prowess and problem-solving skills	**2024**
LeetCode || Rating - 1677* at Weekly contest 387	Top 14.48% globally	3000+ points	400+ Problems solved	**2024**
AVENTURO 2k23 - Won 1st Prize and AVENTURO-2K23 title among 36 teams in Project Expo.	**2023**
Flipkart Grid 5.0 and **Amazon HackOn Challenge -** Advanced to Phase 2 in global challenge.	**2023**
Smart India Hackathon - Internal Hackathon Winner with overall 700 students entering the contest.	**2022**
Best Role Player Award - Received Best Timer Award from Toastmasters International Club, Coimbatore	**2022**