

SREE VIGNESH C

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SUMMARY — Driven by a passion for web development, networking, and operating systems. My experience with various languages and tools fuels my ability to tackle challenges and create innovative solutions. In my free time, I actively engage in personal projects that enhance my technical abilities and streamlines my day-to-day tasks.

TECHNICAL COMPETENCIES

Web NodeJS, ExpressJS
Front End ReactJS, Bootstrap, TailwindCSS
Database MongoDB, MySQL

Languages C, C++, Java, JavaScript, TypeScript, Bash
OS Linux - Intermediate level
Others Git, React Native, Docker, Unity, WireShark

PROJECTS AND ACHIEVEMENTS

Projects :

Low-cost Home Automation using Arduino UNO
Designed and implemented a low cost home automation system using Arduino Uno featuring automatic light control, temperature monitoring, and remote access.

Department Symposium Website
Designed and developed the front end for the college department symposium, implemented user-friendly interface elements and responsive design.

Virtual Reality Interview App
Developed a VR application during the IEEE Metaverse conference held at IIIT Bangalore, utilizing Unity and Blender.

REC-bot API
Designed and developed a API suite for a student information system, enabling seamless access to academic data (attendance, marks) for authorized applications.

Automated Printer Service
Increased efficiency at college print shop , reducing wait times and improving student satisfaction.

Loco-alert : A location based alert system for travellers.
Designed and engineered a mobile application utilizing location-based services to provide timely alerts to travelers utilizing public transport services, particularly buses, optimizing their journey experience.

Go-Coal [Prototype]

Developed a prototype for a platform designed to optimize and streamline the coal market in India, offering numerous economical benefits to the nation.

Achievements :

Smart India Hackathon

Winners of SIH Internal Hackathon at Rajalakshmi Engineering College.

IEEE Metaverse

Represented our college and finished 28th in National Level, 24-hour coding contest, conducted by IIIT Bangalore.

IITPALS

Represented our college and successfully pitched an innovative idea and advanced to the finals of the IITPALS contest, accompanied by the development of a prototype for a digital platform poised to revolutionize the coal market in India.

Inter-College Competitive Hackathon

Achieved finalist status in competitive hackathon, progressing to the final round of the esteemed event, Hack-Mega-Don.

Published Design Thinking Paper

Published a paper on low-cost Smart Home Automation with a Design Thinking approach, on IJFMR.

Paper ID : 9387

EDUCATION

Rajalakshmi Engineering College, Chennai
Bachelor of Technology in Computer Science and Business Systems

2021 - 25
CGPA : 6.94

Vidyaniketan Matric Hr. Sec. School, Vellore
HSC.

2019 - 21
Percentage : 85.6

Indian Matric Hr. Sec. School, Harur
SSLC.

2017 - 19
Percentage : 81.4

CERTIFICATES

NPTEL

Data Structures and Algorithms using Java
Data Analytics with Python
Python for Data Science

IEEE, Bangalore

Finished 28th in National Level , 24-hour coding contest, while representing our Rajalakshmi Engineering College.

Smart India Hackathon

Certificate of Achievement, Winners of SIH Internal Hackathon at Rajalakshmi Engineering College.

IITPALS

Selected as a finalist, representing Rajalakshmi Engineering College at the IITPALS contest.