

RAHUL S H

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PROFILE

Dedicated Software Developer with a Master of Computer Applications, passionate about programming, the latest technological trends, and tools. I aim to contribute my skills to an organization that values hard work, trusts me with responsibilities, and fosters a positive environment for mutual growth.

EDUCATION

College of Engineering, Trivandrum Master of Computer Applications CGPA: 7.97	2022 - 2024
Mar Ivanios College, Trivandrum BSC. Computer Science CGPA: 7.47	2019 - 2022
Chinmaya Vidyalaya Kunnumpuram (ICSE , ISC) , Trivandrum Stream: Computer Science Percentage: 77.5%	2017 - 2019

PROJECTS

EDUBOARD - VIRTUAL CLASSROOM ENHANCED BY ARTIFICIAL INTELLIGENCE

Web-based learning management application which includes features like Course Management, Student Management, Whiteboard - Real-time sharing using socket.io, Video Conferencing - using WebRTC, Chatbot - using RNN.

Frontend: HTML, CSS, Javascript, Bootstrap | Backend: Nodejs, Express.js | Database: MongoDB

MEDHUB - MULTIPLE DISEASE PREDICTOR USING MACHINE LEARNING AND DEEP LEARNING

The web app enables one to predict multiple diseases from input values such as symptoms, X-rays, MRI scans, physical health data, or blood test results and is capable of predicting Heart issues, Liver Disease, Chronic Kidney, Brain Tumor, Glaucoma, Pneumonia. | Framework: Streamlit

FitTrackr - MOBILE ANDROID APPLICATION USING JAVA

Fitness focussed application that includes features like a Walking step tracker, Home workout guide with voice assistance for each set of workouts, Drinking water tracker, Health calculators, Notification reminder options for both medication and drinking water

CRUISEPOOL - CAR POOLING WEB APPLICATION USING BLOCKCHAIN TECHNOLOGY

A decentralized platform which connects riders directly with drivers via smart contracts, eliminating the need for intermediaries.

Front end: HTML, CSS, JavaScript, React.js, Web3.js | Backend: Nodejs | Extension : Metamask

CHATCONNECT - REAL TIME CHAT APPLICATION USING MERN STACK TECHNOLOGY

Chat application developed for socializing utilize MERN stack technology. Integration of Socket.io within the application facilitates real-time exchange of data, enhancing user interaction and engagement.

Frontend: React.js with redux | Backend: Node.js, Express.js | Database: MongoDB | Library : Socket.io

TECHNICAL SKILLS

Programming Language: Java, Python, C/C++, SQL

Framework and Libraries: React.js, Node.js, Express.js, JavaScript, Bootstrap, Streamlit, Socket.io

Data Markup and Standards: HTML5, CSS3

Database: MongoDB, Mysql

Office Software Skills: Microsoft Excel, Microsoft Word, Microsoft PowerPoint, Google Sheets

Hard Skills: SDLC Concepts, Data Science

Soft Skills: Good written and verbal communication, Leadership Ability, Commitment to Customer Satisfaction

CERTIFICATIONS

NPTEL CERTIFICATION- INTRODUCTION TO OPERATING SYSTEMS from IIT Madras .
INTERNET OF THINGS (IOT) from IIT Kharagpur

UDEMY CERTIFICATIONS - MERN STACK (REACTJS, NODE JS, EXPRESS JS, MongoDB).

ACTIVITIES

MCA Department Elected Representative - College Of Engineering Trivandrum (2023-24)

UG Elected Representative - Mar Ivanios College (2020-22)

Event Coordinator- Tharangham-PG, PHD Cultural Fest CET(2024)

Fitness Enthusiast, Photography