RAHUL KT

BTECH COMPUTER
SCIENCE STUDENT

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ABOUT ME

Second-year B.Tech Computer Science student at Indian Institute of Information Technology Kottayam with a strong interest in software development, problem solving, and building scalable web applications. Skilled in full stack web development and Data Structures & Algorithms, with hands-on experience in developing responsive and user-friendly applications.

Proficient in technologies such as HTML, CSS, JavaScript, React.js, Node.js, Express.js, and MySQL/MongoDB, along with Git and GitHub for version control. Comfortable working with REST APIs, frontend-backend integration, and database management. Strong understanding of DSA concepts including arrays, linked lists, trees, graphs, sorting, searching, and dynamic programming.

Passionate about learning new technologies, improving coding skills, and gaining practical industry experience through projects and internships.

EDUCATION

INDIAN INSTITUTE OF INFORMATION TEACHNOLOGY KOTTAYAM
B.Tech in Computer Science and Engineering
2024 – Present
CGPA: 8.23

CMR HIGHER SECONDARY SCHOOL
Class XII –Kerala Board
2024
Percentage: 98.2%

SKILL

- Problem Solving
- Analytical Thinking
- Team Collaboration
- Communication
- Adaptability
- Development skills

PROJECTS

Primate

Developed a full-stack web application that analyzes and compares product prices across multiple e-commerce platforms such as Amazon and Flipkart to help users find the best available deals. Implemented product search, price comparison, and smart recommendation features with a user-friendly responsive interface. Integrated APIs/web scraping techniques for fetching product details and pricing data, along with filtering and sorting functionalities for enhanced user experience. Built using technologies such as React.js, Node.js, Express.js, and MongoDB/MySQL.

Image Detector — AI-Based Object Detection System

Developed an AI-powered image detection application capable of identifying and classifying objects present in uploaded images using computer vision and deep learning techniques. Implemented image processing and object recognition functionalities to analyze images and display detected objects with high accuracy. Designed an interactive and user-friendly interface for image upload and result visualization. Utilized technologies such as Python, TensorFlow/OpenCV, and modern web technologies for seamless integration and performance.

AI chatbot

Developed an AI-powered chatbot capable of generating intelligent and context-aware responses to user queries using Natural Language Processing (NLP) techniques and AI APIs/models. Designed a responsive and interactive chat interface that enables real-time communication and seamless user experience. Implemented features such as message handling, conversation flow management, and dynamic response generation. Built using technologies such as React.js, Node.js, and AI/NLP integration tools.