

Muhammad Rasi K P

MERN STACK DEVELOPER

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SKILLS

Node.js Express.js React.js
MongoDB JavaScript MySQL
PostgreSQL MVC Architecture
AWS Firebase Data Structure
Tailwind CSS CSS HTML C
Bootstrap C++ Redux Toolkit
Figma Socket.io Docker
SOLID Principle Github IoT
Python Arduino Uno Git

INTERGRATION

Razorpay Stripe Multer
Winston Oauth 2.0 Route 53
NodeMailer Postman EC2
JWT twilio

LANGUAGES

English
Malayalam

PAPPER PUBLISHED

Patient Health Monitoring System

Published in IEEE-XPLORE

- DOI: [10.1109/ICSCC59169.2023.10334972](#)

Passionate MERN Stack Developer with a strong background in computer science, the developer is skilled in creating reliable web application and solutions. Strong in design and integration with intuitive problem-solving skills. Proficient in React.js, Express.js, Node.js, C, JavaScript, and MongoDB. Passionate about implementing and launching new projects. Flexible and willing to work in any environment as and when needed.

EXPERIENCE

Internship - MERN Stack Developer

Makbig Learn · September 2023 - Present

- Managed the creation of a scalable and user-focused platform by managing the development of a full-stack application using the MERN stack from design to deployment.
- Developed and managed a collaborative development team, supporting cooperation and creativity to advance team development and project success.

Internship - Robotics

SPACE · 2023

during the internship, focusing on projects related to robotics in the context of space exploration. Prototyping, programming, or testing robotic systems.

EDUCATION

ST THOMAS COLLEGE OF ENGINEERING AND TECHNOLOGY

Bachelor of Technology in Computer Science and Engineering with Minor in Electronics and Communication Engineering 2019 - 2023

- 8.15 CGPA

CHEMBILODE HSS

Higher Secondary - Computer Science 2017 - 2019

- 76 %

PROJECTS

Rasshopping - E commerce site

User Features:

- User-friendly interface with a sleek design.
- Email OTP verification ensures secure user registration and login.
- Added Google Authentication for enhanced security and convenience.
- Streamlined product searching for a smooth shopping experience.
- Integrated Razorpay and Stripe for seamless payment transactions.
- Automatic Invoice generation and email delivery for each purchase.
- Item added to wishlists
- Use the coupon code to add an admin.

Admin Capabilities:

- Effortless management of product listings and inventory.
- control over order status updates (Shipped, Delivered, Cancelled).
- Export sales reports within a specified time range for insightful analysis.
- User and product search functionality for quick and efficient administration.
- Ability to block users for enhanced security measures.
- Admins can add coupons and edit the banner page.

Github Link - <https://github.com/rasi-kp/ecommerce-website>

EXTRA CURRICULAM

- college 2nd topper with the highest score of 8.15 CGPA was achieved.
B-Tech
- Minor Degree (Electronics and communication Engineering)
B-Tech
- Innovation and Entrepreneurship Development Centers (IEDC)
COO (Chief operation officer), STM Kannur
- Chief Editor of Design Club
VBLAZE, STM

CERTIFICATIONS

- Completed Spoken Tutorial course by IIT Bombay.
- Online Hands-on workshop in Machine Learning.
- Workshop on Mastering LaTeX Software.
- Hands-on workshop in LED bulb Manufacturing
- Hands-on workshop in Deep Learning
- 7-days bootcamp on modern Web application hacking
- Webinar on Object Oriented Programming Through Java
- Attended 5 days Technical Workshop

DECLARATION

I hereby declare that all the details furnished above are true to the best of my knowledge and belief .

Muhammad Rasi K P

Patient Health Monitoring System (college Main Project)

- This project introduces the "Health Monitoring System." In a fast-paced world, where routine checkups are often neglected.
- This system offers a groundbreaking solution. Utilizing IoT sensors for data collection and employing the SVM algorithm for analysis.
- This system provides routine and periodic health monitoring.
- It's a step towards preventive healthcare, specifically in the context of diabetes diagnosis.

Github Link - <https://github.com/rasi-kp/Patient-Health-Monitoring-System>

MINI PROJECTS

Controlling Media player using hand gestures (college Mini Project)

- This system enables player control via hand gestures, allowing for five gestures: Pause, play, mute, forward, and backward.
- It used the Python flask framework and also used OpenCV and Pyauto GUI.
- It provides users with an effective experience.

Github Link - <https://github.com/rasi-kp/Controlling-media-player-using-hand-gestures>

Olx - clone

- Developed OLX clone's backend using Firebase, enabling user authentication features like login and signup.
- Built the frontend with React, mirroring OLX's interface, allowing users to list and sell products seamlessly.

Github Link - <https://github.com/rasi-kp/olx-clone-react>

Hotstar - Clone

- Develop a Hotstar clone page using React, incorporating identical functionalities to the original hotstar platform, including REST API call.

Netflix - Clone

- Develop a Netflix clone page using React, incorporating identical functionalities to the original Netflix platform, including REST API calls to simulate real-time data retrieval and presentation.

Keyless bike starting using RFID

- This project is designed to create a model of a motorcycle safety system that is easy to access using RFID for controllable and improved safety on motorcycles.

Ayisha Quarters -Apartment Webpage

- Develop a webpage for rental property with just the essentials, contacts, and a few pictures.

Link - <https://ayishaquarters.com>