

Muhammad Rasi K P

FULL STACK DEVELOPER

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SKILLS

- Node js
- Express js
- React js
- Mongo DB
- Java Script
- MySql
- postgresql
- MVC Architecture
- Tailwind CSS
- CSS
- HTML
- C
- Bootstrap
- C++
- Redux Toolkit
- Figma
- Socket.io
- Docker
- Github
- IoT
- Neo4j
- Woo Commerce
- Shopify

PAPER PUBLISHED

Patient Health Monitoring System

Published in IEEE-XPLORE

- DOI: [10.1109/ICSCC59169.2023.10334972](https://doi.org/10.1109/ICSCC59169.2023.10334972)

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

EXPERIENCE

MERN Stack Developer

Makbig Learn · 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.

PROJECTS



Hospital Management System (RHMS)

- **UI/UX Design:** Designed a user-friendly interface using Figma, ensuring an intuitive and seamless experience for all users.
- **OTP-based Authentication:** Implemented a secure OTP-based authentication system for user login and verification.
- **Doctor Availability Management:** Implemented a feature allowing doctors to set their availability and manage patient tokens.
- **Appointment Scheduling:** Developed a system for multiple members to schedule and manage appointments.
- **SMS Notifications:** Integrated SMS functionality to send appointment details to patients. Improved patient engagement and appointment adherence.
- **Prescription Management:** Enabled patients to download and manage prescriptions directly from the system.
- **Patient History Management:** Designed a system for patients to view their past medical history and treatments.
- **Token Management:** Designed a view management system for patients to check their current status and overall availability.

Github Link - [Backend](#) [Frontend](#)

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>

INTERGRATION

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

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

LANGUAGES

English

Malayalam

DECLARATION

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

Muhammad Rasi K P

Rasshopping - E commerce site

User Features:

- **User-friendly interface** with a sleek design.
- **OTP verification** ensures secure user registration and login.
- **Google Authentication** for enhanced security and convenience.
- **Product searching** for a smooth shopping experience.
- **Integrated Razorpay and Stripe** for seamless payment transactions.
- **Automatic Invoice generation** and email delivery for each purchase.
- **Coupon code** to add an admin.

Admin Capabilities:

- **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 searching.
- **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>

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 Pyautho 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>

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

CERTIFICATION

- 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