

Rifna C

Aspiring Software Developer with MERN Stack Expertise

A self-taught MERN Stack developer with a strong ability to self-learn and adapt to emerging technologies. Currently expanding my expertise by mastering the latest industry advancements.

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Work Experience

Jun 2023- Present
Kozhikode, Kerala

MERN STACK INTERN Self Stack

- Developed features like user logins, data handling, and dynamic interfaces.
- Used MongoDB for storing and retrieving data efficiently.
- Learned a ton from code reviews and expert-led workshops.
- Finished internship projects successfully, ready to take on more.

Skills

- Javascript
- HTML
- CSS
- Media Queries
- Handlebars
- React.js
- Redux Toolkit
- jQuery
- Bootstrap
- Tailwind
- Node.js
- Express.js
- MVC Architecture
- MongoDB
- Git
- GitHub
- Nginx
- AWS
- Cloudflare
- Cloudinary
- Vercel
- Figma
- Razorpay
- Npm
- Multer
- Chart.js
- Nodemailer
- Three.js
- EmailJS

Main Project

Atheneuam Online Bookstore

[Live](#) | [Source Code](#)

An online bookstore to improve the experience of buying books. The website mainly focuses on passionate bookworms and those who enjoy casual reading. It provides a user-friendly experience for book enthusiasts to browse, purchase, and manage their book collection.

Features:

- Built a robust server using Node.js and Express.js for efficient order processing, user management, and API creation.
- Designed a user-centric interface with HTML5, CSS3, Bootstrap, and JavaScript libraries for seamless navigation and enhanced user experience.
- Implemented MongoDB for flexible data storage and retrieval of book information and user data.
- Integrated JWT for secure user authentication and Cloudinary for secure image storage.
- Connected Razorpay for seamless online transactions.
- Leveraged AWS and Cloudflare to ensure website scalability and optimize loading speeds.
- Incorporated Chart.js for data visualization and built-in geolocation services for personalized recommendations.
- Implemented Node cron for scheduling background tasks and a seeder for initializing super admin data.
- Integrated Node Mailer to send automated email notifications.

Technical Stack:

Node.js, Express.js, MongoDB, HTML5, CSS3, Bootstrap, JavaScript, jQuery, AWS, EC2, JWT, Cloudinary, HBS, Razorpay, Geolocation, Git, GitHub, Cloudflare, Node Mailer, Postman, VS Code, Chart.js, Node cron, Seeder

Mini Projects

Kanban Board

[Live](#) | [Source Code](#)

- Implements drag-and-drop functionality using React library enhancing user experience and task management.
- Designed and implement MongoDB to handles user data and board information.
- Created RESTful APIs using Node.js and express.js to facilitate seamless communication between the frontend and backend.

Budget Calculator

[Live](#) | [Source Code](#)

- A dynamic Income Expense Calculator using JavaScript and Chart.js.
- Enables users to input, track, and visualize financial data for effective budget management.
- Utilizes Chart.js for interactive chart generation, enhancing data visualization.

Calendar

[Live](#) | [Source Code](#)

- Developed a calendar web app using React, Tailwind CSS, and the Vite bundler.
- Integrated features enable users to add and delete events directly within the calendar interface.
- Utilized React for dynamic rendering, offering a user-friendly solution for scheduling tasks and events.

QR Code Generator

[Live](#) | [Source Code](#)

- Implemented a feature to generate QR codes from user-provided links.
- Users can input URLs into the generator.
- Upon submission, the system instantly creates a corresponding QR code.
- This functionality simplifies the process of generating QR codes for desired URLs, enhancing user convenience.

User Management

[Source Code](#)

- Created an API from scratch using Node.js, with error handling for CRUD operations
- Stored user info in memory using JSON and tested endpoints with Postman.
- Demonstrates strong core JavaScript and Node.js skills by avoiding external frameworks.

Education

Jun 2020 - March 2023

EMEA College of Arts and Science
Bachelor's in Computer Science

With an CGPA of 7.7

Declaration

I hereby declare that all the provided information is true to my knowledge, and I accept responsibility for any inaccuracies.

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