

RIZON KUMAR RAHI

Bengaluru, Karnataka

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Work Experience

Merkle

Software Developer

July 2022 – Present

Bangalore, India

- Developed Gateway Validator, an automated tool using React and Express.js, reducing new retailer onboarding time by **60%** and improving assessment accuracy by **40%**
- Implemented key features including a summary dashboard and export functionality, increasing operational efficiency in retailer integration by **35%** and reducing manual reporting efforts by **50%**
- Developed Generic Element Analyzer, a standalone application that streamlines HTML document comparison, reducing manual analysis time by **70%** and improving accuracy in detecting website changes and data coverage issues
- Implemented element-by-element comparison and a user-friendly dashboard for Generic Element Analyzer, enabling automated alerts for domain-level changes, resulting in a **40%** increase in parsing script efficiency
- Developed an interactive component that increased user engagement by **40%**, and implemented a user-based Match Filter, enhancing overall application functionality and user experience
- Spearheaded migration from React **16** to React **18**, implementing concurrent rendering features and optimizing performance through lazy loading, resulting in a **45%** reduction in initial load time and significant improvement in Core Web Vitals scores
- Developed a custom analytics dashboard using React and Redux, incorporating GraphQL for data querying, which expedited data retrieval speeds by **50%**, aiding in quicker business decision-making

Personal Projects

FinanceHub [🔗](#) </>

- Developed an interactive dashboard with multiple chart types and customizable date ranges, providing comprehensive financial insights
- Implemented a robust transaction management system with sorting, bulk delete, CSV import, and advanced search functionality
- Increased financial data visibility by **40%** through intuitive data visualization and real-time updates
- Reduced manual data entry time by **60%** with CSV import feature and automated categorization
- **Test Account:** Email: rizonkumarrahi2000@gmail.com — Password: test4321#

Movie Mind [🔗](#) </>

- Developed a responsive web application using React and Redux Toolkit, allowing users to browse and access comprehensive movie details
- Implemented efficient state management with Redux Toolkit and created a visually appealing UI with Tailwind CSS
- Integrated external movie API for real-time data fetching, implementing search and filtering functionality
- Utilized OpenAI API to create an intelligent movie recommendation system based on user preferences
- **Technologies Used:** React, Redux, Tailwind CSS, OpenAI API

Education

SRM Institute of Science and Technology

B.Tech in Computer Science Engineering - **CGPA - 8.9**

05 2022

Chennai, India

Technical Skills

Languages: C++, JavaScript/Typescript, Python, Java **Frameworks/Libraries:** React.js, Next.js, Node.js, Express.js, Hono JS
Tailwind CSS, Bootstrap
Databases: MySQL, MongoDB, Prisma **Tools:** VS Code, Git, GitHub, Bitbucket, Jira, Webstrom, Salesforce Commerce Cloud

Achievements & Certifications

- Solved **700+** problems on LeetCode, GFG, CodeStudio; Ranked **96/22271** in LeetCode Weekly Contest 294
- **3rd prize** in SMART India Hackathon 2020 (College Level); GFG Rank **1** at SRM Institute of Science and Technology
- **Certifications:** Web Development Bootcamp, Namaste React, MySQL, Data Structures and Algorithms, Salesforce B2C Commerce Developer