Ramakrishna M U

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KR Road VV Puram, Bengaluru-560004, India

EXPERIENCE

• **Frontend Dveloper Intern at Bluestock Fintech[⊕]**   *July 2024 - August 2024*
Frontend Development   Bengaluru, India

◦ Contributed into software part in Developing responsive and intuitive user interfaces using React.js to ensure a smooth user experience across fintech applications.

◦ Collaborating with backend teams to integrate APIs, ensuring data-driven functionality and performance.

◦ Implementing best practices for code optimization, leading to faster load times and improved application efficiency.

• **Software Engineer at Bharat Electronics Limited [⊕]**   *September 2023 - October 2023*
Software Engineer   Remote

◦ Developed a dynamic navigation data simulator using React.js for testing location-based services in real-time.

◦ The simulator mimics GPS navigation and allows for simulation of routes across various geographical points.

EDUCATION

• **Bangalore Institute Of Technology**   *December 2020 - May 2024*
Bachelor Of Engineering in Electronics and Communication Engineering   Bengaluru, India

◦ CGPA: 7.6

• **Sundari Anand Alvas PU College**   *March 2019*
Pre-University Education   Moodbidre, India

◦ Grade: 87.66

• **Hongirana School Of Excellence**   *March 2017*
Secondary Education   Sagara, India

◦ CGPA: 8.0

PROJECTS

• **Project A: Advanced Interactive Data Dashboard with Complex Filtering and User-Specific Configurations**
Tools: ReactJS, ExpressJS, NodeJS, CSS, GitHub   [⬤]

◦ The project is a data dashboard application built with Node.js and Express.js. It allows users to register, log in, configure personalized dashboards, and export data. Key features include:

◦ User Authentication: Users can register and log in using JWT for session management. Passwords are securely hashed using bcryptjs.

◦ Protected Routes: Some routes, like saving configurations and exporting data, require valid authentication tokens.

◦ Dashboard Configuration: Users can save and update filters and chart settings, which are stored in a MongoDB database.

◦ Data Export: Users can export data and store export details in MongoDB.

◦ MongoDB Integration: All user-related data, configurations, and exports are managed in MongoDB.

◦ Error Handling: The app includes comprehensive error handling for user registration, login, and configuration saving.

◦ It responds with appropriate HTTP status codes and messages, such as 400 for bad input and 401 for unauthorized access.

◦ Technology Stack: Frontend: React.js Backend: Node.js with Express.js Authentication: JWT for securing endpoints Security: Passwords are hashed using bcryptjs

- **Project A: Image Search Using ReactJS and Unsplash API**
  Tools: ReactJS, CSS, GitHub   [🎧]
  - Spearheaded the development of a highly efficient image search application using ReactJS and the Unsplash API.
  - This application allows users to search for and access a wide range of high-quality images contributed by photographers.
  - Key features include a user-friendly search interface, responsive design for different devices, seamless integration with the Unsplash API for image retrieval, and the ability for users to download images with proper attribution.
  - The project aims to simplify image searching, enhance creativity, and provide an efficient platform for designers, developers, content creators, and marketers to find visually appealing images for various creative projects and marketing materials.

- **Project B: Super Market Billing System**
  Tools: Developed an application to manage Billing information, with OOPs.   [🎧]
  - Used C++ with OOPs principles for modular and efficient transaction management
  - Integrated file handling to store and update product data and transaction records, ensuring data persistence
  - Implemented features for processing transactions, including item addition, total calculation, and bill generation.
  - Developed [specific component] for easy integration with Technologies: C++, Object Oriented Programing, File Handling

SKILLS

- **Programming Languages:** DSA in C, C++, JavaScript
- **Web Technologies:** HTML, CSS, ReactJS
- **Other Tools & Technologies:** GitHub, Linux

CERTIFICATIONS

- **BlueStock Fintech internship:** Certificate link   *August 2024*
- **Bharat Electronics Limited internship:** Certification C   *September 2023*

ADDITIONAL INFORMATION

Languages: English, Hindi, Kannada, Marathi
Interests: Web Surfing