Chiranth Nataraj

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Education

JECRC University	**2021 - 2023**
Master of Computer application	*Jaipur, RJ*
M.S Ramaiah College	**2018 - 2021**
Bachelor of Computer application	*Bengaluru, KA*

Full stack development course - Functionup.org

- Proficient in Java programming with fundamentals of data structure and algorithms.
- Excelled in JavaScript Functional Programming, mastering asynchronous concepts like callbacks, and promises.
- Gained expertise in React.js fundamentals and advanced topics including React hooks, ChatGPT for development, and React Router.
- Hands-on experience with RESTful APIs and Asynchronous JS and agile development methodologies.
- Experience with state management and server-side rendering (SSR) in React applications with node.js.

Technical skills

Languages: JavaScript, Java, HTML/CSS .
Development: React js, Bootstrap, Tailwind CSS, supabase, React-Router.
Developer Tools: VS- code, Git, Netlify, Postman, Github, Virtual box, Chrome-dev-tools, Vercel
OS: Windows, kali-Linux , Ubuntu(Debian)

Projects

Movie watchlist management/ ReactJS, CSS, Lazy loading   🌐 **Live** ⭗ **Code**
- **Dynamic Movie Search**: Optimized user engagement by developing detailed movie views featuring essential details like title, release date, genres, and cast, with interactive functions for rating and adding to personalized watchlists, fostering stronger user connections.
- Revamped watchlist feature by integrating React hooks and local storage, optimizing performance to reduce load times by 40% and improving user satisfaction ratings by 30%.

Wordle game/ JS, algorithm design, problem-solving   🌐 **Live** ⭗ **Code**
- **Memory and Cognitive Enhancement Web App**: Uses an intelligent feedback algorithm using JavaScript. Which enhances user experience by providing targeted color-coded feedback on each guess, aiding players in refining their guesses and improving their chances of winning.
- By analyzing the guess and comparing it with the correct answer, the algorithm generates an array of objects that guide users toward the correct solution. This dynamic approach not only enhances user engagement but also fosters a sense of progression and achievement.
- Leveraged advanced problem-solving skills and algorithmic thinking to design and implement this feature, resulting in a more immersive and enjoyable gaming experience.

World - wise/ JavaScript, ReactJS, CSS, React-router   🌐 **Live** ⭗ **Code**
- **Application for Tracking Visited Countries:** Implemented react router for seamless navigation between login, pricing, product and main app pages.
- Optimized initial load time, resulting in a 60% increase in application performance.
- Utilized URL-based state management for efficient data persistence and improved user experience.