Vishnu Vardhan Reddy Yeruva

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EDUCATION

- California State University - Fullerton, Fullerton, CA| M.S. in Computer Science : GPA: 3.52   JAN 2023 - DEC 2024

SKILLS

- ReactJS | TypeScript | JavaScript | Node.js | Tailwind CSS | MUI | MongoDB | RESTAPI | Jenkins | Jira | Postman | Selenium WebDriver | CI/CD | Git | Figma | Kotlin (Android App Development) | Java (Data Structures and Algorithms) | Amazon Web Services (AWS) | AWS S3 | AWS Athena | Tableau

WORK EXPERIENCE

FULL STACK WEB DEVELOPER – MK Corporate Solutions, Bengaluru, India.   JAN 2021 – DEC 2022

- Developed and maintained scalable web applications using ReactJS, TypeScript, and Node.js, ensuring responsive and user-friendly UI/UX across multiple devices.
- Collaborated in Agile/Scrum environments, leveraging Jira for sprint planning, task tracking, and progress reporting.
- Implemented robust backend services and RESTful APIs using Node.js, enhancing application performance and data handling.
- Integrated CI/CD pipelines using Jenkins to automate build, test, and deployment processes, reducing release times by 30%.
- Designed and executed end-to-end API tests using Postman, ensuring high-quality and secure data exchange between frontend and backend systems.
- Wrote automated UI test scripts using Selenium WebDriver, resulting in a 25% reduction in manual testing efforts and improved release reliability.
- Actively contributed to code reviews and knowledge-sharing sessions, promoting best practices in JavaScript, TypeScript, and test-driven development (TDD).
- Optimized application performance and reduced load times by 20% through efficient code splitting and lazy loading in ReactJS.

SOFTWARE DEVELOPER INTERN – MK Corporate Solutions, Bengaluru, India   AUG 2020 – DEC 2020

- Worked on back-end development using Node.js and Express.js to build and optimize RESTful APIs for seamless data exchange between the client and server.
- Implemented database solutions using MongoDB, handling CRUD operations and data management to support application features.
- Collaborated with senior developers to implement CI/CD pipelines using Jenkins, streamlining deployment processes and ensuring faster delivery cycles.
- Gained hands-on experience in writing clean, maintainable code and adhering to industry best practices in web development and testing.
- Participated in daily stand-ups and code reviews, gaining insights into best practices in scalable application development.

PERSONAL PROJECTS (Github Link: https://github.com/vishnuyvr?tab=repositories)

NETFLIX CLONE WEBSITE (MERN Stack) (Live-Site-Link: https://nflix-clone-by-vishnuyvr.onrender.com)

- Developed a fully responsive Netflix Clone using the MERN (MongoDB, Express.js, React.js, Node.js) stack, providing users with a modern and intuitive interface.
- Integrated video streaming functionality using third-party APIs to deliver seamless media playback and optimized performance.
- Implemented user authentication and authorization using JWT (JSON Web Token), enabling secure login, registration, and session management.
- Deployed the application using the Render platform and used MongoDB Atlas for cloud database management, ensuring scalability and availability.
- Designed and implemented a custom RESTful API for managing user profiles, and viewing history, ensuring smooth data interaction between client and server.

CAR RENTAL USER INTERFACE (ReactJS) (Live-Site-Link: https://vishnu-car-rental-app.vercel.app/home)

- Designed a user-friendly user interface for a car rental website by leveraging the React framework.
- Implemented dynamic client-side routing using React Router, allowing users to navigate seamlessly between different sections of the website without page reloads.
- Enhanced the user interface on many pages by implementing the React Slider component and employed react hooks like useParams, useEffect, and useState to make the UI work smoothly.

ANDROID QUIZ APP

- Developed this quiz app using Kotlin language in Android Studio, where the user can take pre-existing quizzes and get the score after completing the quiz.
- Designed a user-friendly user interface that is functional, optimal, and polished on devices of several types (smartphones, tablets) and in both orientations (portrait and landscape).
- Enhanced the user interface by employing audio and video files that are responsive to certain actions.