

Vishnu Vardhan Reddy Yeruva

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EDUCATION

- California State University - Fullerton**, Fullerton, CA | M.S. in Computer Science : **GPA: 3.7** JAN 2023 - DEC 2024

SKILLS

- ReactJS, JavaScript, TypeScript, Tailwind CSS, HTML, MongoDB, SQL, NoSQL, Node.js, Express.js, Java, Data Structures and Algorithms, Python, Github, Git, Kotlin (Android App Development), Amazon Web Services (AWS), AWS S3, AWS Glue Data Catalog, AWS Kinesis, AWS Athena, Data Visualization, Tableau

WORK EXPERIENCE

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

- Developed and maintained full-stack web applications using technologies like TypeScript, React.js, Node.js, Express.js, and MongoDB, delivering robust and high-performing solutions.
- Collaborated in an Agile environment, participating in daily stand-ups, sprint planning, and retrospectives, ensuring timely project delivery and effective communication with cross-functional teams.
- Designed RESTful APIs and integrated third-party services to connect front-end applications with back-end databases, improving functionality and data flow.
- Led front-end development using React.js, building dynamic, responsive, and user-friendly interfaces with reusable components for optimized performance.
- Optimized application performance by implementing lazy loading, code splitting, and efficient database queries, reducing load times and improving user experience.
- Utilized version control tools like Git and GitHub to manage code, track changes, and collaborate with fellow developers.

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.
- Performed thorough code reviews to identify potential errors or inconsistencies within the software application.
- Assisted senior developers with debugging complex issues that arose during the testing phase.

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

NETFLIX CLONE WEBSITE (MERN Stack) (Website 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) (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.