K RAJESH

Front End Developer

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WORK EXPERIENCE

TATA CONSULTANCY SERVICES | FRONT END DEVELOPER   Chennai | Feb 2022 – Present

- **Developed** responsive and interactive web applications using React, JavaScript, HTML, and CSS, increasing user **engagement** by 73%.
- **Focusing** on creating automation tools that streamline tasks by extracting data from websites and converting it into Word documents, leading to a 30% increase in efficiency.
- **Solved:** Successfully resolved 95% of user connectivity issues related to Duo and RSA configurations, ensuring seamless multi-factor authentication for employees.
- **Managed:** Actively monitored and managed a vulnerability scan program, identifying and patching 200+ vulnerabilities within critical systems.

PROJECTS

MOVIE GPT APPLICATION ↗   React, Redux, Tailwind CSS, Firebase for Back end

- Developed a Netflix clone using React to **replicate** the user interface and functionalities. With the help of ChatGPT 3.5, **OpenAI API** recommends movie names and then fetches movie posters from **TMDB API**.
- Leveraged Redux 5.0 for **state management**, enhancing the application's scalability and maintainability.
- **Optimized** application using single responsibility principle, **lazy loading** which reduce render time by 60 %

VIDEO SHARING APP ↗   React, React Router, Redux, Tailwind CSS

- Created a YouTube clone with a focus on a visually appealing user interface mirroring the original platform.
- Executed **lazy loading** with **Suspense** , made nested comments using **Recursion** and implemented **live chat using API polling.**
- Each features an extensive application of **50+** videos to provide users with a rich and diverse content experience popularly.

SHOP NOW ↗   HTML, CSS, JavaScript

- Created the basic features and design of Amazon 2023, the renowned e-commerce platform.
- Designed the application with a focus on responsive web design to ensure compatibility across various devices.
- Contains product pages, showcasing detailed information on 7+ categories of products and images for each item.

SKILLS

Web Development: JavaScript, React, Redux, Next js, HTML5, CSS3
Version Control: Git, GitHub **Library:** jQuery, Material UI
Database: SQL **API:** RESTfull API
Framework: Tailwind CSS
Design Tool: Figma

EDUCATION

Bachelor of Science in Computer Science   Puttur, Andhra Pradesh ON | Oct 2021
Sri Venkateshwara University
GPA: 78%

CERTIFICATIONS

- **React** Certification from NamasteDev • **JavaScript** certificate of excellence by Scalar
- HTML • CSS • jQuery • RESTful API • Git • GitHub