Gayathri Arumugam

React JS Developer

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PROFILE

An inquisitive professional with 2+ years of experience in Frontend development and Quality Assurance. In the past year, I've seamlessly integrated front-end development responsibilities alongside my SDET role, gaining valuable expertise in **React JS, JavaScript, and Redux**. Eager to leverage my combined skill set at ensuring product quality while also enhancing user experiences through front-end enhancements.

SKILLS

React JS | JavaScript (ES6) | Tailwind CSS | Redux Tool Kit | HTML | CSS | Responsive Web Design | Git

PROFESSIONAL EXPERIENCE

Software Development Engineer in Test   Aug 2021 – Sep 2023 | Coimbatore, India
Quinbay Technologies Pvt Ltd
- Orchestrated testing initiatives in Search team and **executed AB tests**, resulting in a **25% increase in user retention** and a **30% enhancement in search result relevance.**
- **Attained 83% automation coverage**, optimizing Regression/Integration testing, ensuring product stability, and minimizing manual efforts.
- Optimized automation efforts in Digital team, achieving a **91% success rate** for favorite number feature integration. **Revamped** automation modules **reducing overall runtime by 50%** using CICD Parallel pipeline.
- **Front end responsibilities:** Implemented UI enhancements in Digital team, including **enhancing error messages** for incorrect phone/meter number, resulting in a **25% decrease in user-reported confusion** and a **20% reduction in support tickets** related to incorrect error messages. Additionally, introduced a **'Quick View' functionality** for product listings, streamlining user experience reducing the extra steps for users.

PROJECTS

YouTube clone 🔗
[Tech Stack: React JS, Tailwind CSS, JavaScript, React Redux, YouTube open APIs]
- Integrated YouTube v3 API, featuring **infinite scrolling**, enhancing **user engagement by 30%** and enables seamless content discovery, ensuring a **continuous stream of recommended videos.**
- Implemented **search history caching and light/dark mode**, enhancing user experience by providing customizable viewing preferences.
- Effortlessly explore content using **keyword chips below the search bar**, explore **comments and replies for every video**, which facilitated a **20% increase in user interaction**.

Swoogy 🔗
[Tech Stack: React JS, Tailwind CSS, React Redux, Jest]
- Implemented Swiggy's live APIs for real-time restaurant updates, using Redux Tool Kit for seamless routing and effective state management, enhancing user experience by **reducing load times by 40%.**
- Implemented essential features including **carousel, restaurant list, offers display, filters, and search functionality,** facilitating easy navigation within the platform, which **enhanced user engagement by 25%.**
- Designed and integrated a comprehensive **menu accordion and cart page**, providing users with a streamlined and convenient interface for browsing, selecting, and purchasing food items.

BardFlix 🔗
[Tech Stack: React JS, Tailwind CSS, React Redux, Firebase]
- Implemented user authentication protocols and integrated TMDB API in BardFlix, offering users access to **up-to-date movie trailers**, **cast details, and genres,** enhancing engagement and content discovery.
- Curated a diverse array of movie selections including **upcoming releases, trending movies, and popular picks,** to personalize user recommendations and cater to diverse viewing preferences.
- Engineered movie search functionality empowered by **Gemini AI**, **providing a tailored experience**, which **reduced search time by 50%**, resulting in a 25% increase in user satisfaction.

EDUCATION

B.E. Computer Science   2017 – 2021 | Coimbatore, India
Sri Ramakrishna Engineering College