

# LINGESHWARAN G

+919791225876 | lingeshsince07011998@gmail.com | LinkedIn Profile | Trichy, TN | Portfolio

---

Quality concerned React Developer with 3 years of experience in building responsive and scalable web apps. Proficient in creating innovative UI-data manageable react apps, debugging more than 40 complex technical issues, and collaborating with cross-functional teams.

## SKILLS

**Programming Languages:** JavaScript, Python

**Frameworks/Libraries:** ReactJS, Redux Toolkit, Django Rest Framework, Pandas

**Testing tool:** Jest, React Testing Library, Postman

**Web Technologies:** HTML5, CSS, Tailwind CSS, Bootstrap

**Networking:** Rest API, GraphQL

**Version Control:** Git

**Project Management:** Jira

## WORK EXPERIENCE

### ReactJS Developer

Jan 2022 - Present

*Tata Consultancy Services*

Chennai, TN

- Engineered a seamless and responsive UI using **ES6**, enhancing user satisfaction by 30%
- Orchestrated **global state management** for the data layer using **Context** and **useReducer**, slashing state-related bugs by 40%
- Built **reusable components and HOC** leading to a 50% reduction in code duplication
- Utilized **React Router**, enhancing navigation efficiency and user interaction by 35%
- Integrated third-party **REST APIs and services** for data flow resulting in 30% faster retrieval
- Devised **custom react hooks** for authentication and data fetching leading to reusability
- Streamlined the build and deployment processes by configuring **Webpack** and **Babel**, resulting in faster development cycles and consistent build environments
- Enhanced the initial app load by optimizing core web vitals, **reducing the LCP** by **inlining assets and styles**, and decreasing the number of network calls by 50%
- Revamped the reconciliation process by implementing **immutability, keys, and memoizing** the performance-critical parts of the app, leading to an 80% more efficient tree conversion
- Optimized images by using **next-gen Webp formats, progressive JPEGs**, LQIP, caching, and on-demand loading, reducing the total bytes by 50%
- Conducted testing on must-go features of the app using Jest and **React Testing Library**, achieving nearly **80% test coverage**
- Refactored large components into smaller, **single-responsibility** units, cutting code complexity by 35% and boosting readability by 40%

- Interpreted the business logic provided by the clients in user stories and developed a comprehensive timeline and strategic planning for **100% completion of the SDLC cycle**
- Inspected **time complexity optimizations** on high computing function, making it 50% faster
- Restructured the code to incorporate new updates and code integrations, followed by **unit and integration testing**, resulted in a **code coverage around 80%**
- Superintended client expectations by facilitating **20+ high-quality deliverables** and resolving complex defects by closely working with cross-functional teams
- Designed 100% robust **REST APIs** using **Django RF** triggering **business utility functions**

## PROJECTS

### React Portfolio

Mar 2024 - May 2024

[Portfolio Link](#) [React Source Code](#)

- Created a portfolio with responsiveness at its core, employing **ReactJS**, and **Tailwind CSS**

### React Django Movie App

Dec 2023 - Mar 2024

[Website Demo Link](#) [React Source Code](#) [Django Source Code](#)

- Created a movie app using the fast-rendering **ReactJS library** and **Django Rest Framework**
- Implemented **Google auth 2.0 with JSON Web Tokens** for a seamless and secure sign-in experience for users
- Handled the UI layer using **Tailwind CSS** for rapid UI development (<10kb CSS bundle) and **Shimmer UI** has been applied for better responsiveness and lower bounce rates
- Managed the data flow using **Redux Toolkit and Persist** for centralized state management
- Produced 2+ **custom hooks and HOCs** for reusability and separation of concerns
- Incorporated **Debouncing** with 400ms and **search results caching** through the Redux store
- Employed **code splitting** and **lazy loading** resulting, in a 40% faster initial loading of app

### React E-Commerce App

Jan 2023 - Dec 2023

[Website Link](#) [React Source Code](#)

- Deployed the E-Commerce app on **Netlify**, establishing seamless integration with **GitHub**

## EDUCATION

### Bachelor of Technology - Mechanical Engineering

May 2015 - Jun 2019

SASTRA Deemed To Be University

Tanjore

## ACCOMPLISHMENTS

- Won **Elevate Wings 1** award for clearing javascript, python, and business skill exams in TCS