

EKTA JOSHI

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Summary

Experienced Frontend Developer with 3+ years of expertise in developing scalable, responsive web applications. Proficient in JavaScript, React.js, Redux, and modern UI frameworks. Strong understanding of computer science fundamentals, including object-oriented design, data structures, algorithms, and problem-solving. Passionate about optimizing front-end performance and collaborating with teams to deliver high-quality solutions.

Skills

Technical

HTML5, CSS, Tailwind CSS, JavaScript (ES6+), React.js, Redux, Redux Toolkit, Server-Side Rendering (SSR), DOM, GIT, RESTful API, JIRA, Babel, Rally, Jest, Agile Development

Experience

Frontend Developer | Tata Consultancy Services, Noida, India

2022 - Present

- **Developed and optimized** interactive UIs using **React.js, MUI, and Redux Toolkit**, ensuring seamless cross-device experiences.
- **Integrated RESTful APIs** with **Axios and React Hooks (useEffect, useState)** to dynamically fetch and render data efficiently.
- Implemented **lazy loading, code splitting, and API caching**, reducing page load times by **30%**, improving app responsiveness.
- Developed **scalable and reusable React components** with **TypeScript**, ensuring type safety and maintainability.
- Enhanced **user experience** by **caching API responses**, reducing redundant network requests and improving data fetching efficiency.
- **Conducted unit testing** using **Jest and React Testing Library**, reducing bug detection time by **20%**.
- Implemented **code-splitting, Webpack optimizations, and CI/CD pipelines**, reducing bundle size and enhancing deployment efficiency.
- **Collaborated with cross-functional teams** to gather requirements, implement designs, and deliver projects **ahead of schedule**.
- **Utilized Git for version control** and **JIRA for Agile task management**, ensuring smooth sprint execution.

2021 - 2022

- Utilized ARD for requirement analysis and documentation, improving clarity and reducing errors.
- Conducted **SIT** and **UAT** testing, ensuring **99%** defect-free releases.
- Actively participated in **Agile** ceremonies, facilitating smooth sprint planning, backlog prioritization, and progress tracking.

Education

BPSMV Khanpur

- BTech Computer Science

2017 - 2021

Projects

YouTube Clone

- Developed a YouTube clone using React.js, **Redux Toolkit**, and Tailwind CSS for dynamic video exploration and interaction.
- Integrated YouTube Data API for real-time video listings, previews, and comment sections to boost user engagement.
- Implemented an optimized search feature with caching, debouncing, and real-time suggestions to reduce API calls and enhance performance.
- Added live chat functionality with API polling to enhance user engagement.
- Enhanced performance through **lazy loading** and optimized scrolling for a seamless user experience.
- Utilized **npm** for **package management**, ensuring efficient dependency handling and project scalability.