Dhananjay Sunil Kachure (Software Engineer)

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Professional summary

Software Engineer with 2+ years of experience specializing in frontend development for media platforms, OTT services, and testing tools. Expert in React.js, Next.js, Node.js, and server-side rendering (SSR). Proven track record of improving web performance, optimizing API integration, and developing scalable solutions that enhance user experience and Core Web Vitals metrics.

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER (Engro Technologies | November 2022 – Present)
Zee Media (Zee News, DNA India & Wion News Websites) link

- Developed and optimized high-performance web applications using Next.js 14 and server-side rendering (SSR)
- Implemented advanced SEO strategies including dynamic meta tags, resulting in improved search visibility
- Reduced page load time by 25% through code optimization and efficient resource loading
- Improved Core Web Vitals scores, enhancing search engine rankings and user engagement
- Modernized legacy systems by migrating to a scalable, future-proof tech stack
- Developed and deployed scalable microsites for high-traffic global events (World Cup, Elections, Olympics)
- Increased user engagement by 25% through improved content delivery strategies
- Integrated third-party ad management systems while maintaining optimal site performance
- Created reusable component libraries that accelerated development across multiple projects

API Testing Automation Platform

- Built a comprehensive React-based API testing tool with full REST client capabilities
- Developed an AI-powered mock server for simulating API responses
- Created functionality for custom API collections with drag-and-drop features
- Automated API validation workflows reducing manual testing effort by 60%
- Created interactive dashboards displaying real-time metrics for response times and status codes
- Implemented secure authentication protocols for API testing across various security models
- Created documentation generation feature that automatically produces API documentation from test cases

Weyyak OTT Platform link

- Developed key features for an OTT platform using React.js
- Implemented "Continue Watching" functionality and region-based content filtering
- Designed responsive and accessible UI for multiple user types (subscribed, registered, guest)
- Enhanced content discoverability and viewing experience through intuitive navigation
- Increased user retention through seamless content accessibility and playback features
- Implemented analytics tracking to gather user behavior insights and content popularity metrics
- Optimized image and thumbnail loading with lazy-loading techniques for better performance

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Key Responsibilities & Contributions

- Designed, developed, and maintained scalable web applications.
- Wrote clean, maintainable, and well-tested code for new features and bug fixes and collaborating with QA for regression testing.
- Collaborated with Product, Design, and Business teams to plan and prioritize feature development.
- Owned end-to-end feature development, ensuring performance, scalability, and reliability.
- Integrated third-party APIs and ad management systems while maintaining optimal performance.
- Built reusable component libraries to accelerate development and maintain UI consistency.
- Developed an AI-powered API testing platform and deployed high-traffic microsites for global events.
- Documented technical implementations and best practices for knowledge sharing.

Technical Skills

- **Languages:** JavaScript, TypeScript, HTML5, CSS3, SCSS
- **Frontend**: React.js, Next.js, Bootstrap, Redux, Ant Design
- **Backend:** Node.js, Express.js
- **Database:** MongoDB
- **Tools & Platforms:** Git, Docker, Jira
- **Methodologies**: Microservices Architecture, Server-Side Rendering, Test-Driven Development
- **Other:** Go, Go Fiber, Tailwind CSS

Education Bachelor of Engineering in Electronics

Ramarao Adik Institute of Technology, Mumbai University (August 2018 - May 2022) | CGPA: 7.57/10