Omkar Rajendra Revankar *Software Engineer*

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Profile

Software Engineer with 2+ years of specialized experience in building high-performance web applications using React.js ecosystem. Demonstrated expertise in reducing application load times by 60% through advanced optimization techniques and efficient state management. Successfully delivered healthcare applications serving 10000+ patients with focus on accessibility, performance, and user experience. Proven track record in implementing responsive designs, optimizing web vitals, and mentoring junior developers.

Professional Experience

Thinkitive Technologies, Software Engineer E2
Jul 2022 – Sep 2024 | Pune, India

- Architected and developed a modern EMR application using React.js and TypeScript, resulting in 30% reduction in administrative workload and 20% faster patient scheduling
- Optimized Core Web Vitals achieving 90+ scores in Lighthouse
- Implemented advanced state management patterns using Redux, reducing unnecessary re-renders by 40%
- Enhanced data fetching efficiency using TanStack Query with optimistic updates and intelligent caching
- Developed reusable component, increasing team development speed by 25%
- Mentored 3 junior developers in React best practices and modern frontend architecture

Skills

Frontend
- **Languages:** JavaScript, TypeScript, HTML, Cascading Style Sheets (CSS)
- **Frameworks/Libraries:** React.js, Next.js, React Native, Redux, Tailwind CSS, Material UI, TanStack Query, React Hook Form
- **Tools:** Jest,Webpack, Vite, Babel, ESLint, Prettier,NX,NPM,Yarn

Backend
- **Languages:** JavaScript, TypeScript
- **Runtime Environment:** Node.js
- **Frameworks:** Express.js
- **Databases:** MongoDB, PostgreSQL
- **Tools:** Mirth Connect, REST APIs, JWT, OAuth
- **Integration:** Third-party APIs (Klaviyo, Zoho, Yoti)

Infrastructure/DevOps
- **Cloud Platforms:** AWS (EC2, S3),Vercel
- **Tools:** Docker,CI/CD pipelines

Version Control & Collaboration:
- **Version Control:** Git, GitHub
- **Collaboration Tools:** Jira, Slack

Design & Media Skills:
- **Design Tools:** Adobe Photoshop, Figma
- **Video Editing:** Adobe Premiere Pro
- **CAD Software:** AutoCAD

Projects

Optimind Troy - Healthcare Management System

- Architected and developed a modern healthcare dashboard serving 10,000+ patients using React.js and TypeScript
- Built responsive data visualization dashboards using Recharts with 98% browser compatibility
- Developed dynamic form builder using React Hook Form with real-time validation
- Achieved 95+ Lighthouse score through code splitting and lazy loading
- Reduced bundle size by 45% using dynamic imports
- **Technologies**: React.js, TypeScript, Redux Toolkit, Material UI, TanStack Query, Recharts

eCareHealth - Medical Practice Management

- Developed a comprehensive practice management solution designed for healthcare providers
- Developed drag-and-drop form builder using React DnD
- Implemented real-time updates using WebSocket
- Created custom calendar component with complex scheduling logic
- Built responsive layouts supporting multiple screen sizes and orientations
- Implemented infinite scrolling for large datasets
- Reduced API calls by 50% through efficient caching
- **Technologies:** React.js, TanStack Query, Redux,Material UI

FastKey - Document Verification System

- Built modern document verification platform with emphasis on security and user experience
- Implemented secure file upload with preview and validation
- Created multi-step verification workflow with progress persistence
- Developed responsive dashboard with real-time status updates
- Integrated multiple third-party APIs with elegant error handling
- Added file compression and optimization
- Built offline-first architecture using service workers
- Integrated third-party identity verification services such as Yoti, Persona, and Zoho, ensuring seamless and secure authentication processes.
- **Technologies**: Next.js, TypeScript, Tailwind CSS, Redux Toolkit

Education

Bachelor Of Technology, Annasaheb Dange College of Engineering and Technology, Ashta - 416301
2021 | Sangli, India
Engineering CPI-6.5