Dheeraj Tarachandani

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SUMMARY

Senior Software Engineer with 7+ years of expertise in building high-performance web applications at scale. Specialized in React ecosystem, micro-frontend architecture, and developing accessible component libraries for international markets. Passionate about modern web technologies with deep experience in performance optimization and engineering excellence.

WORK EXPERIENCE

SDE 2, 05/2022 - Current
DP World - Bengaluru, Karnataka, India

- Architected and rebuilt an enterprise e-commerce platform using Next.js, React, React-query and Tailwind CSS, dramatically improving web vitals and driving significant sales growth through enhanced performance.
- Spearheaded development of a comprehensive quick-commerce B2B service for Arab markets.
- Engineered a production-grade React component library featuring accessible atomic components and complex business solutions including tables, calendars, and schedulers, enabling consistent UI/UX across multiple applications, implementing locale-specific features for date, time, and number formatting across multiple countries.
- Designed and implemented micro-frontend architecture with Docker containerization and CI/CD pipelines, enabling independent feature deployments.
- Optimized application performance by implementing CDN solutions (Cloudflare/Akamai) with blob storage integration, significantly reducing network payload and improving page load times
- Elevated Lighthouse scores from 40-60 to 90+ through systematic performance optimization and modern development practices.
- Developed sophisticated business modules including invoicing, finance, customs, and analytics dashboards, serving users across multiple international markets
- Implemented comprehensive application monitoring using New Relic, establishing real-time health tracking and alerting across global deployments.
- Modernized application stack by integrating cutting-edge libraries including Tan Stack Query, React Table, and React PDF, enhancing functionality and developer productivity

SKILLS

Front-end Development & Architecture
- React.js, Next.js, and React Native
- HTML5, CSS3, Tailwind CSS
- State Management: Redux
- Progressive Web Apps (PWA)
- Web Performance Optimization

Build and Testing Tools
- Bundlers: Webpack, Vite
- Testing: Jest, Testing Library
- Basic Docker Containerizations
- Fundamental CI/CD pipeline set-up

Monitoring and Analytics
- Application Monitoring and Logging (New Relic, ELK Stack)
- Web Analytics and A/B Testing
- Performance Metrics and Optimization

Technical Leadership
- Micro-frontend architecture
- Component Library Development
- Cross-functional team leadership
- International Market Solutions

EDUCATION

B.Tech : Computer Science, 01/2016
Rajasthan Technical University - Bikaner, Rajasthan
GPA: 72.6

12th Pass, 01/2011
RBSE - St. Austin's Sr. Sec. School - Jodhpur, Rajasthan
GPA: 85%

10th Pass, 01/2009
RBSE - St. Austin's Sr. Sec. School - Jodhpur, Rajasthan
GPA: 80%

Engineer II, 10/2019 - 05/2022
Ajio - Bengaluru, Karnataka, India

- Led end-to-end UI/UX revamp of a large-scale e-commerce platform serving 100,000+ daily users, successfully orchestrating React and Webpack upgrades while implementing responsive design for seamless cross-platform experiences.
- Dramatically improved website performance metrics, driving Lighthouse scores from 40-50 to 90+, through systematic optimization of core web vitals and implementation of Progressive Web App architecture.
- Architected robust Node.js infrastructure capable of handling massive traffic spikes during major sale events, ensuring seamless performance and zero downtime during peak national shopping festivals
- Engineered comprehensive monitoring infrastructure using ELK stack for log tracking and performance metrics, enabling real-time visibility into system health during high-traffic events
- Utilized Google Optimize 360 to implement A/B testing strategies, enhancing data-driven decision-making.

Associate Software Engineer, 03/2018 - 10/2019
Tekion - Bengaluru, Karnataka, India

- Architected and implemented an appointment scheduling system using React and Redux, driving increased organic platform traffic while maintaining system reliability through performance optimization.
- Developed and maintained a reusable component library in React, creating modular solutions for common UI elements that accelerated development cycles, and improved code consistency across teams.
- Led development of commerce modules featuring action item tracking, leveraging React/Redux architecture to create scalable and maintainable solutions for business workflows.

Web Developer, 10/2017 - 03/2018
World Trade Bureau - Bengaluru, Karnataka, India

- Engineered and implemented key platform features including a real-time chat system and comprehensive bid management process, enhancing user communication and transaction efficiency
- Collaborated with cross-functional teams to develop and deploy mission-critical features for a B2B commerce platform, contributing to the startup's core product development