

SHARVANI MATHUR

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SUMMARY

Senior Frontend Engineer with 8+ years of experience architecting scalable, high-performance web applications using ReactJS, TypeScript, and modern frontend technologies. Proven expertise in microfrontend architectures, performance optimization, and building developer-focused tools. Strong background in CI/CD processes, mentoring engineering teams, and delivering impactful user experiences in fast-paced startup environments.

WORK EXPERIENCE

Impact Analytics, Lead Software Engineer

June 2022 - Feb 2025

- Architected and deployed a scalable microfrontend architecture using React and Webpack's Module Federation, enabling independent deployment of frontend modules that reduced deployment time by 60% and improved team autonomy.
- Engineered high-performance pricing recommendation systems with React and Redux, optimizing complex state management that improved application response time by 35%.
- Established a standardized UI component library with 80% reusability across products, decreasing development time by 45% and ensuring consistent user experience.
- Implemented critical performance optimizations using Chrome DevTools, resulting in 40% reduction in initial load time and improvement in user engagement metrics.
- Mentored junior developers in React best practices and architectural patterns, leading to a 25% increase in team productivity and code quality.
- Owned end-to-end delivery from design through deployment using Docker and CI/CD processes

Impact Analytics, Senior Software Engineer

Oct 2021 - June 2022

- Spearheaded development of a clearance price planning tool using ReactJS and Redux, resulting in 15% increase in client revenue from clearance inventory.
- Developed high-impact frontend solutions including interactive data visualization components like charts and data tables using React, HighCharts and ag grid.
- Led comprehensive UI/UX redesign using advanced frontend design patterns and modular component architecture, securing a two-year contract extension worth \$1.2M.
- Collaborated with cross-functional teams including UX designers, Product Managers, and backend engineers to translate business requirements into scalable technical solutions

Costrategix, Senior Software Engineer

April 2018 - Oct 2021

- Engineered OrderGroove platform integration with BigCommerce using REST APIs, successfully onboarding 20+ enterprise customers within tight deadlines.
- Created a specialized scouting and tracking system for a Major League Football team using React, Redux, and Node.js for backend development, delivering high-quality work that secured three additional contracts worth \$800K.
- Defined comprehensive testing strategies reducing production bugs by 45% and improving overall code quality.
- Resolved critical system performance bottlenecks through systematic debugging and optimization, delivering a refined product that secured a new \$1M campaign management web application initiative.

Freelance, Web Developer

Oct 2015 - March 2018

- Built custom e-commerce websites using Wordpress, increasing mobile conversion rates by an average of 40% for small businesses.
- Developed custom WordPress themes and plugins using JS, HTML, and PHP for small businesses, enhancing website functionality and brand identity.
- Implemented SEO optimization strategies for a London-based furniture retailer, resulting in 65% increase in organic traffic and 25% growth in online sales.

Accenture, Associate Software Engineer

Sept 2013 - Sept 2015

- Managed operations of a large-scale digital asset management application for Warner Bros. using JavaScript and REST APIs, ensuring 99.9% uptime.
- Developed enterprise-level web applications with responsive design principles, improving cross-browser compatibility and reducing user-reported issues by 30%.
- Presented product applications at industry events, effectively communicating technical features to non-technical stakeholders and contributing to 2 new client acquisitions.

TECHNICAL SKILLS

- Core Technologies: ReactJS, TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS
- State Management: Redux, Redux Toolkit, React Hooks
- Architecture and Performance: Microfrontends, Webpack Module Federation, Performance Debugging, Frontend Caching
- Devops and Deployment: Docker, CI/CD (Jenkins, AWX), Nginx
- Build Tools: Webpack, npm, Babel, ESLint
- Cloud Platforms: AWS, Google Cloud Platform (GCP)
- Version Control: Github, Gitlab, Bitbucket
- Testing: Jest, comprehensive testing strategies
- Additional: REST API integration, Node.js, WordPress, responsive design

EDUCATION

Bachelor of Engineering in Information Science

2009 - 2013

RNS Institute of Technology, VTU

Pre-University: majored in Physics, Chemistry, Mathematics and Biology

2007 - 2009

MES College of Arts, Commerce and Science

AWARDS AND ACHIEVEMENTS

- Employee of the Quarter, IA, 2023
- Top Rated Freelancer, Upwork, 2017
- Shining Star, Accenture, 2013