

Mayank Songara

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PROFILE

Frontend Engineer (Software Development Engineer II) with **5+ years of experience** building scalable web applications using **React, TypeScript and modern JavaScript**. Proven expertise in **responsive UI development, accessibility (WCAG/ADA), performance optimization, and REST/GraphQL API integration** for enterprise platforms serving **100M+ users**. Experienced in **component-driven architecture, micro-frontend architecture, automated testing (Jest, Cypress, React Testing Library)**, with end-to-end ownership of features from design to production deployment in **Agile/Scrum environments**.

WORK EXPERIENCE

Software Development Engineer II, JPMorgan Chase & Co. January 2023 – Present | Bengaluru

- Led end-to-end development of **high-traffic frontend features** on Chase.com 🔗 using **React, TypeScript and modern JavaScript**, improving application scalability and maintainability across enterprise platforms.
- Designed and delivered a **Card Lock/Unlock feature**, increasing **user engagement by 40%** while enhancing security workflows through intuitive user interfaces.
- Architected scalable **design-system-based UI components** supporting **100M+ users**, enabling consistent user experience across personal and business dashboards.
- Implemented **WCAG-compliant accessibility enhancements** using ARIA standards, improving usability for diverse user groups and ensuring regulatory compliance.
- Integrated **REST and GraphQL APIs** using async/await and error-handling strategies, improving UI responsiveness and reducing data-loading latency.
- Mentored junior engineers on **frontend architecture, performance tuning, and testing strategies**, improving development velocity and code quality.
- Delivered production-ready features in **Agile/Scrum environments** through cross-functional collaboration with designers, backend engineers, and product managers.

Software Development Engineer I, JPMorgan Chase & Co. August 2020 – January 2023 | Bengaluru

- Developed **modular frontend components** using React, improving development efficiency and enabling faster feature delivery across multiple modules.
- Optimized rendering performance using **memoization, lazy loading, and efficient state updates**, reducing unnecessary re-renders and improving application responsiveness.
- Diagnosed and resolved **production UI defects**, improving application stability and reducing user-reported issues.
- Delivered **responsive and cross-browser compatible interfaces**, ensuring seamless experience across desktop and mobile platforms.
- Built **unit and integration tests using Jest and React Testing Library**, improving reliability and reducing regression defects.
- Participated in **code reviews and debugging sessions**, strengthening adherence to frontend development standards.

Summer Intern, JPMorgan Chase & Co. January 2020 – August 2020 | Bengaluru

- Assisted in developing frontend modules using **React and JavaScript**, contributing to enterprise-grade production applications.
- Resolved UI layout issues and enhanced **responsive design**, improving usability across multiple screen sizes.
- Collaborated with senior engineers during development cycles, gaining experience in **debugging and deployment workflows**.

EDUCATION

Master of Computer Applications, <i>National Institute of Technology, Trichy</i>	August 2017 – June 2020
Bachelor of Science in Computer Science, <i>Govt. Holkar Science College, Indore</i>	July 2014 – June 2017

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3
Frameworks & Architecture: React.js, Next.js, Redux, Context API, Micro Frontends, Component-Driven Architecture, Design Systems
Performance & Accessibility: Web Performance Optimization, WCAG / ADA Compliance, ARIA, Lazy Loading, Code Splitting, Bundle Optimization
Testing: Jest (Unit Testing), Cypress (E2E Testing), React Testing Library
API & Data Handling: REST APIs, GraphQL
Tools & Dev Practices: Git, Bitbucket, Storybook, Webpack, Jira, Agile / Scrum
Computer Science Fundamentals: Data Structures & Algorithms

PROJECT

React UI Component Library, <i>(React, TypeScript, Storybook)</i>
- Built a scalable component library using React and TypeScript, reducing UI duplication by 25% and enabling consistent development practices. - Documented reusable components using Storybook, improving developer collaboration and accelerating onboarding. - Implemented unit testing with Jest and React Testing Library, improving reliability and reducing regression issues. - Applied accessibility and performance best practices to enhance component scalability and maintainability.

CERTIFICATE

AWS Certified Cloud Practitioner	
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ACHIEVEMENTS

Chasers Award Recognized for delivering high-impact frontend features with measurable performance improvements.	June 2024
SEP Scroll Recognition Awarded for consistent delivery of high-quality code and contribution to team productivity.	May 2023
NIMCET AIR 51 Secured All India Rank 51 in national MCA entrance examination.	June 2017