Aadish B. Rathore

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SUMMARY

Senior Frontend Engineer with 6+ years of experience building large scale, enterprise Angular applications and modern component driven UIs. Strong expertise in frontend architecture, performance optimization, accessibility (WCAG/ARIA), and reusable component systems. Hands-on experience building production grade React applications using Hooks, modern state management, and Vite. Framework agnostic engineer seeking frontend roles in product-driven teams.

SKILLS

- **Core Frontend**: TypeScript, JavaScript (ES6+), HTML5, CSS3/SCSS, Accessibility (WCAG, ARIA).
- **Framework & Libraries**: Angular (Signals), React (Hooks, functional components), Jest, Karma.
- **State & Data**: RxJS, NgRx, Redux, REST, GraphQL (working knowledge).
- **Architecture**: Component Design, Lazy Loading, Code Splitting, Bundle Optimization, Responsive Design, Micro-frontend concepts, Design Systems.
- **Tools**: Vite, Tailwind, Git, Python, AWS (S3, Lambda, EC2), VS Code, Agile/Scrum.

EXPERIENCE

Cognizant   May 2023 - Jan 2026
Senior Frontend Engineer
- Led development of customer-facing dashboards that improved workflow engagement by **25%** across key user journeys.
- Designed and maintained a library of **50+ reusable Angular components**, reducing feature development time by **30%** and improving UI consistency across teams.
- Drove architectural decisions around state management, lazy loading, and shared modules, **cutting bundle size by 10%** and improving load performance.
- Conducted **100+ code reviews** and mentored junior engineers, resulting in measurable improvements in code quality and reduced defect rates.
- Collaborated with backend and product teams across **20+ Agile sprints**, consistently delivering features on schedule and maintaining predictable velocity.
- Authored technical documentation that reduced onboarding time for new engineers by **20%**.

TD Bank – Business Banking   Jan 2020 - Apr 2023
Senior Frontend Engineer
- Led development of enterprise scale Angular applications used by thousands of business banking customers.
- Managed UI defect triage and root cause analysis, reducing recurring UI issues by **15%**.
- Architected scalable, accessible, and reusable UI components aligned with WCAG standards, improving accessibility scores across applications.
- Oversaw build, testing, and deployment pipelines, improving deployment reliability and reducing release issues by **20%**.
- Partnered with cross functional teams to refine requirements and support UX design, accelerating delivery of high impact features.

- Provided technical leadership and mentorship to developers, raising adherence to frontend best practices across the team.

Frontend Engineer III
- Built and maintained Angular 8+ applications using TypeScript, RxJS, and modular component architecture.
- Increased unit test coverage to **82%+** using Jasmine and Karma, significantly reducing regression defects.
- Created UI architecture documentation (component diagrams, sequence diagrams) to streamline onboarding and cross team collaboration.
- Conducted regular code reviews to ensure reusability, performance, and standards compliance.
- Delivered features consistently within sprint timelines while meeting performance, accessibility, and security requirements.

TD Bank – Architecture   **Jul 2018 - Dec 2019**
Frontend Engineer
- Developed and enhanced Angular front-end features with a focus on usability, accessibility, and performance.
- Improved authentication-related UI flows, reducing user-reported issues by **10%**.
- Created automated front-end integration tests to reduce regressions.
- Collaborated with designers and product teams to refine UI requirements.
- Supported internal platform demos at Hack The North 2019 and Elevate.
- Contributed to front-end workflows and environment setup for internal applications.

PORTFOLIO WORK

Mock Banking App – https://adirathore7.github.io/
- Built a high performance banking dashboard using **React + Vite**, achieving **sub second load times** through code splitting, bundle optimization, and component level performance profiling.
- Engineered secure, form driven account and transaction flows with **100% validation coverage**, reducing UI errors and improving reliability across complex user interactions.
- Designed a reusable, WCAG compliant component system using React Hooks, enabling **rapid feature iteration** and reducing UI development effort by **30%**.

Portfolio Website – https://aadishrath.github.io/
- Built a high performance React application using functional components and Hooks (useState, useEffect, useMemo), following scalable component-driven architecture patterns.
- Optimized performance and load times using Vite, code splitting, modern ES modules, and efficient bundling strategies.
- Implemented a fully responsive and accessible UI with reusable components and clean state management suitable for enterprise scale frontend architecture.

EDUCATION

Illinois Institute of Technology, Illinois, USA   **Sep 2023 - Dec 2025**
Master of Applied Science (Data Science), GPA: 3.7

McMaster University, Hamilton, Canada   **Dec 2020**
Bachelor of Technology – Major in Software Engineering