

Curriculum Vitae

Name: Kshiti Tushar Patel
Email-Id: kshiti.de@gmail.com
Phone no.: +49 15510573856
Date of Birth: 19.05.1999
Address: Pröbenweg 31, 20537 Hamburg, Germany
Visa Status: Job Seeker Visa and Applied for Spouse Visa → (EU Blue Card – 18G)
Profile: [LinkedIn](#) | [Portfolio](#) | [GitHub](#)



Professional Summary

Frontend Developer with **6+ years** specializing in **React and TypeScript** applications for **enterprise clients** including Fortune 500 companies. Expert in building **data-rich analytics dashboards** and interactive user interfaces processing millions of transactions. Proven track record optimizing **React applications for performance** (70%+ speed improvements), implementing comprehensive testing strategies (90%+ coverage), and delivering scalable solutions for international markets. Strong experience in **Redux state management**, **data visualization**, and **cross-functional collaboration** in agile environments.

Experience

Nov '24 – Present Senior Frontend Developer | Freelance

Key Project: Master Magical Key

- Developed React and JavaScript applications with real-time data visualization serving 5,000+ monthly users, achieving 99.8% uptime and 60% faster loading times through performance optimization
- Built analytics dashboards processing 100K+ daily data points using React + D3.js/Chart.js for business intelligence, with Redux state management for complex data flows and real-time updates
- Architected reusable React component libraries reducing development time by 40%, implementing comprehensive testing suites with Jest and Cypress achieving 85%+ coverage

Apr '21 – Aug '24 Senior Frontend Developer | Tata Consultancy Services Ltd.

Key Project: Moody's Analytics | CreditLens™

- Developed React and TypeScript interfaces for credit analytics platform serving 176+ financial institutions globally, processing millions of credit decisions with 98% platform reliability
- Built interactive data visualization dashboards using React + D3.js for financial analytics, enabling real-time credit risk assessment and business insights across 750+ deployment environments
- Implemented advanced React state management with Redux for complex financial data flows, improving data processing efficiency by 35% through optimized component architecture
- Achieved 90%+ test coverage using Jest and React Testing Library, reducing post-release defects by 40% through comprehensive unit testing strategies
- Developed responsive React components with TypeScript for credit workflow automation, maintaining WCAG compliance for enterprise accessibility standards

Key Project: IBM | Engineering Lifecycle Management (ELM)

- Architected React-based engineering dashboard interfaces serving enterprise development teams across 15+ business units with complex workflow management requirements
- Built 15+ reusable React components with TypeScript for systems engineering workflows, reducing development time by 25% through component library architecture
- Integrated 8 REST APIs with React applications for real-time engineering data visualization, improving data loading speed by 35% through performance optimization techniques
- Collaborated with design teams to convert 50+ UI/UX mock-ups into React components, maintaining 100% design consistency across enterprise-scale engineering platforms
- Conducted 15+ systematic code reviews per sprint focusing on React performance optimization, implementing improvements that enhanced application speed by 30%

Skills

Frontend Technologies	React.js, TypeScript, Redux, RTK, HTML5, Responsive Design, TailwindCSS
Additional Frontend Tech.	Angular, Vue.js, Node.js, Java, PHP, Laravel, Gulp, Next.js, JavaScript
Data Visualization & Analytics	D3.js, Chart.js, Analytics Dashboards, Recharts
UI/UX Development Tools	Figma, WCAG, Component Libraries, Design Systems
Testing & Quality	Jest, Cypress, React Testing Library, Unit Testing, E2E Test
Development Tools	Git, Docker, CI/CD, Webpack, Vite, npm/yarn, Server Management, Kubernetes
Database & APIs	SQL, MySQL, RESTful APIs, PostgreSQL, JSON, GraphQL, MongoDB
Methodologies	Agile, SCRUM, Performance Opt., Code Reviews
Languages	English, German (A1)

Projects

Real-time Analytics Dashboard

- Architected real-time data visualization platform with 3 interactive chart types, processing 100+ records with instant filtering capabilities
- Implemented RTK Query patterns with conditional queries, automatic caching, and data transformation across 4 API endpoints
- Achieved 60fps performance through React optimization techniques including `"useMemo"`, efficient re-rendering, and debounced search functionality
- Developed responsive analytics interface using CSS Grid and modern styling approaches, ensuring seamless user experience across devices

Shopping Cart Simulator

- Engineered complex state management using `"useReducer"` patterns with real-time inventory synchronization
- Built performance-optimized e-commerce interface with lazy loading and memorized calculations, achieving smooth interactions across multiple product categories
- Developed modular React architecture with custom hooks (`"useCart"`, `"useProducts"`) and TypeScript-ready patterns following industry best practices

Education

Bachelors in Information Technology
Charotar University of Science and Technology, India
Jun '16 – Apr '20
Equivalent Grade: 1.7

Certification

Frontend Developer (React Expert)
Foundations of UX Design
UX Design Process
Build Wireframes and Low-Fidelity Prototypes
Data Science
Gen AI



Kshiti Patel