

Avadhut Thorat

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Senior Frontend Engineer | React.js, TypeScript, Scalable Frontend Architectures

Senior Frontend Engineer with 7+ years of experience building responsive, user-friendly, and scalable web applications. Highly skilled in HTML5, CSS3, JavaScript, TypeScript, and React.js, with strong expertise in performance optimization, accessibility, and modern UI architecture. Experienced in design systems, component-driven development, and scalable frontend patterns that support long-term maintainability. Familiar with Node.js, Express.js, Python, and PostgreSQL, providing strong cross-functional collaboration with backend teams. Passionate about frontend architecture, system design, and staying ahead with emerging technologies to deliver innovative and future-ready solutions.

SKILLS

Frontend: JavaScript (ES6+), TypeScript, React.js, Next.js, Redux, React Query, HTML5, CSS3, Tailwind

Architecture: Micro-frontends, Design Systems, Performance Optimization, Accessibility (WCAG 2.1)

Testing: Cypress, React Testing Library (RTL), Jest, Unit & Integration Testing

Backend/Collaboration: Node.js, Express.js, Python, REST APIs, PostgreSQL

Tools & DevOps: Git, CI/CD, Webpack, Vite, Docker, AWS S3/CloudFront

Methodologies: Agile/Scrum, System Design, Code Reviews, Pair Programming

WORK EXPERIENCE

Software Development Engineer II

Remote

Fabric Inc | SaaS platform for E-commerce merchants

10/2021 - 07/2025

- Optimized Enhanced data list performance through efficient pagination, selective virtualization, and React concurrent rendering, achieving ~35% faster search response.
- Implemented role-based UI rendering using permission maps(RBAC).
- Architected performant UI workflows and schema-driven forms to simplify catalog setup and data import, empowering customers to onboard and manage products 20% faster.
- Created batch editing UI with background save notifications. Implemented staged state management (draft → pending → published).
- Led migration to a modern design system, resulting in 40% faster UI development cycles.
- Established coding standards, CI pipelines, and performance benchmarks, improving Lighthouse scores from 77 → 90+.
- Introduced TypeScript schema validation using Zod. Built error boundaries and unified toast/error feedback system.

Web UI Developer

Globant | Global IT services & consulting company

Pune, India

08/2020 - 10/2021

- Developed and maintained Openbank security and account sub-applications, improving security personalization and supporting savings, payroll, and current accounts.
- Built and managed reusable UI components, reducing development time by 25% and ensuring platform-wide consistency.

Front End Developer

Arezzo Sky (Optymyze) | SaaS platform for sales performance management

Pune, India

06/2019 - 08/2020

- Migrated legacy features from JavaServer Faces (JSF) to React, modernizing tech stack and boosting UI performance.
- Developed reusable React components, increasing code reusability by 30% across teams.
- Conducted Node.js proof of concepts for backend feature feasibility and improvements.

Software Engineer

Atos | Global IT services and consulting firm (R&D division)

Pune, India

02/2017 - 05/2019

- Developed R&D solutions using JavaScript and React, contributing to next-generation internal platforms.

LEADERSHIP & ACHIEVEMENTS

- Mentored junior developers, leading knowledge-sharing sessions on React and the performance optimization.
- Conducted frontend architecture review sessions across teams, reducing defects by 25% and improving code reusability.
- Recognized for delivering critical features ahead of schedule in high-pressure environments.

EDUCATION

Bachelor of Engineering in Information technology
Maharashtra Institute of Technology

Pune, Maharashtra, India
06/2013 - 05/2016