Dinesh Shaw

Software Engineer · Frontend

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SUMMARY

Software engineer focused on **frontend architecture** and thoughtful product delivery. Experienced in building **enterprise LMS capabilities**, improving **performance and accessibility (WCAG)**, and mentoring engineers across web platforms.

EXPERIENCE

American Technology Consulting (ATC) — Remote

Senior Software Engineer — Apr 2026 – Present

Auzmor's engineering team moved to ATC under the same ownership; continuing to build the Auzmor LMS platform.

- Own **frontend architecture** and end-to-end delivery for major LMS modules; make technical decisions, guide implementation quality, **mentor engineers**, and lead regular code reviews.
- Led migration from **React 16 / CRA / CRACO** to **React 18 and Rsbuild**, cutting CI build time by **60%**.

Auzmor Technology — Remote

Senior Software Engineer — Jan 2025 – Mar 2026

- Led authorization rearchitecture from coarse role-based access to **granular CRUD permissions**, mapping every app feature to permissions and enabling **custom roles for 50+ enterprise organizations**.

Software Engineer III — Jan 2023 – Dec 2024

- Led development of **Mentorship and Task Management** capabilities, driving a **50% increase in community engagement** across the platform.
- Drove accessibility improvements across web platform components in alignment with **WCAG 2.1**, enhancing navigation for **15,000+ monthly active users**.
- Improved platform **Lighthouse score from 25 to 70** through targeted frontend performance optimizations.

Software Engineer I — Jan 2022 – Dec 2022

- Led frontend development of **Social Learning** features (posts, comments, polls), contributing to a **40% increase in user engagement**.
- Implemented **multi-tenant branding customization** (logos, brand themes, login layouts), achieving adoption across **100% of enterprise clients**.

PuStack Technologies Inc. — Delhi, India

Software Development Engineer — Feb 2021 – Dec 2021

- Implemented **user authentication** with phone-number verification and **OAuth sign-in** via Google and Facebook.
- Developed **1:1 real-time video calling** between teachers and students, enabling live communication within the learning platform.
- Contributed to the redesign of the student web platform, driving a **60% increase in user engagement** within four months.

TECHNICAL SKILLS

Languages
JavaScript (ES6+), TypeScript, HTML5, CSS3, Swift

Frontend
React, Next.js, Redux Toolkit, React Query, Tailwind CSS, Styled Components, Semantic UI, Quill.js

Enterprise SaaS
Multi-tenancy, RBAC & Permissions, SSO/SAML, OAuth, MFA, API Key Management

Performance & Accessibility
Lighthouse, Core Web Vitals, Code Splitting, Lazy Loading, WCAG 2.1 AA

Architecture & Tooling
Design Systems, Microfrontends, Monorepos, Rsbuild, CI/CD, Webpack, Vite, ESLint, Git

APIs & Node
REST APIs, WebSockets, Node.js (CLIs and tooling), Express.js

Agentic AI
LLM Agents, Multi-agent Systems, MCP, Agent Skills & Plugins

EDUCATION

Tezpur University, Assam

B.Tech in Electronics & Communication Engineering

Jul 2016 – Jun 2020 · 7.3 CGPA

PROJECTS

Digital Portfolio

Designed and built a personal portfolio and blog using **Next.js and MDX**, creating a modern interactive experience that led to a **25% increase in collaboration inquiries**.

Live site GitHub