

# Akhil K

Senior Frontend Engineer | Lead Experience Engineer (React, Next.js, TypeScript) | Remote

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## PROFILE

Senior Frontend Engineer with 8+ years building scalable, high-performance web applications for enterprise eCommerce and SaaS. Expert in React, Next.js and TypeScript with a strong focus on performance, accessibility, and developer experience. Proven ability to lead architecture, elevate engineering culture, and deliver measurable improvements to Core Web Vitals.

## CORE SKILLS

**Languages / Frameworks:** JavaScript (ES6+), TypeScript, React, Next.js, Remix

**Architecture:** Component-driven design systems, micro-frontends, modular scalable architecture

**Performance / QA:** Core Web Vitals, Lighthouse, React Profiler, lazy-loading, bundle analysis

**Backend / Infra:** Node.js, NestJS, Express, GraphQL, REST, Docker, AWS, CI/CD (GitHub Actions)

**Testing / Accessibility:** Jest, RTL, Cypress, axe-core, WCAG 2.1 awareness

**Tooling:** Vercel, Builder.io, Salesforce Commerce Cloud, Storybook, Figma tokens

## PROFESSIONAL EXPERIENCE

### Publicis Sapient

Remote, India

Joined through *Corra*, acquired by *Publicis Sapient* in Jun 2023

#### Lead Experience Engineer

Jun 2023 – Present

- Architected a modular React + TypeScript foundation powering multiple enterprise storefronts, enabling faster onboarding and feature delivery.
- Built and maintained 50+ accessible, themeable UI components integrated with Figma design tokens, improving visual consistency and predictability.
- Reduced perceived load (LCP/FCP/TTI) by 25-40% across client sites through bundle-splitting, optimized image delivery, SSR/ISR tuning and caching.
- Introduced CI performance gates with automated Lighthouse checks and bundle visualization to prevent regressions.
- Mentored engineers, drove modern code-review practices and promoted TypeScript-first workflows and automated tests.

### Corra

#### Frontend Lead

Aug 2022 – May 2023

- Led frontend delivery across multiple high-traffic storefronts, coordinating engineering, design and backend stakeholders.
- Established component scaffolding, CI workflows and coding standards that improved release reliability and engineering velocity.
- Shipped core platform features with a focus on accessibility, performance and scalable architecture.

#### Frontend Engineer

Jan 2022 – Jul 2022

- Delivered features across React-based storefronts, collaborating with cross-functional teams to ship scalable experiences.
- Introduced reusable component patterns and abstractions that reduced duplication and improved development speed across projects.

## Bititude Technologies

Full Stack Developer

Kozhikode, India

Aug 2017 – Dec 2021

- Delivered multiple production applications using React, Angular and Node.js; led a team of 5+ developers through end-to-end delivery.
- Designed modular Redux + TypeScript architectures and migrated legacy codebases to modern stacks with lazy loading and code-splitting.
- Built REST APIs and optimized Postgres/MongoDB queries for high-throughput services.

## SELECTED PROJECTS & CONTRIBUTIONS

- **Enterprise Design System:** Architected a TypeScript-first design system (Storybook + Figma tokens) supporting multi-brand theming and accessibility standards.
- **GNC eCommerce Migration:** Led frontend migration to Next.js; improved page load times by 50% using ISR and optimized data-fetching strategies.
- **Giblib Medical Platform:** Built real-time dashboards (React, GraphQL, WebSockets) for live session updates and analytics.
- **Open Source:** `svgIn-react` (secure SVG inlining) and `react-load-time-analyzer` (component load-time tooling) - include links in Applications/Featured.

## ACHIEVEMENTS

- Delivered measurable Core Web Vitals improvements and integrated automated performance checks into CI for enterprise clients.
- Standardised TypeScript-first patterns and testing practices across multiple teams, reducing onboarding time and regressions.
- Introduced automated accessibility checks and improved keyboard/contrast compliance across critical user flows.

## EDUCATION

### B.Tech, Computer Science and Engineering

Cochin University of Science and Technology

## CERTIFICATIONS

- Adobe Experience Manager Edge Delivery Services - Developer Professional
- DGGI – Diploma in Game Design and Integration

## LANGUAGES & MOBILITY

English (Professional) | Malayalam (Native)