

MOHIT KALSHAN

Software Development Engineer I — 2+ Years

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Profile Summary

Frontend Engineer with 2+ years of experience building scalable SaaS and high-traffic web applications using React.js, Next.js, and TypeScript. Skilled in reusable component architecture, performance optimization, and state management, delivering business-critical features across cybersecurity and EdTech platforms.

Technical Skills

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, shadcn/ui

State: React Query (TanStack Query), Redux Toolkit, Redux, Jotai, Context API

Backend: Node.js, Express.js, REST APIs, Axios, Authentication & Authorization

Performance: SSR, Code Splitting, Lazy Loading, Dynamic Imports, Memoization, Core Web Vitals

Tools: Git, GitHub, GitHub Actions, Jenkins, AWS, Jira

Databases: MongoDB, SQL | **Engineering:** Data Structures & Algorithms, Design Patterns

Experience

Astra Security - PTaaS CyberSecurity

Sept, 2025 – Nov, 2025

Software Development Engineer I

Bengaluru, Karnataka

- Developed data-intensive dashboard modules for **vulnerability management, asset monitoring, and scan analytics** using **React, Next.js, TypeScript, React Query, and shadcn/ui**, improving usability across cybersecurity workflows.
- Led migration to modern **Next.js architecture** by adopting **Server Actions, Partial Prerendering, and TurboPack**, reducing build times by **25%** and improving deployment efficiency.
- Designed and integrated **RBAC-driven experiences, audit trails, and event logging** in collaboration with backend and security teams to strengthen access governance and traceability.
- Optimized **DAST scan orchestration pipelines** through scheduling enhancements, parallel execution, and false-positive reduction strategies, decreasing scan completion time by **35%** and reducing manual analyst effort by **20%**.

DigiMantra Labs Pvt Ltd

Jun, 2023 – Aug, 2025

Frontend Engineer

Mohali, Punjab

- Delivered and maintained **10+ production-grade applications** using **React.js and Next.js**, improving user engagement and overall platform performance.
- Integrated **REST APIs** and implemented scalable state management using **Redux Toolkit**, streamlining asynchronous data flows and improving application responsiveness by **30%**.
- Built reusable component abstractions and responsive interfaces, accelerating feature delivery and ensuring UI consistency across multiple products.
- Improved frontend performance through **code splitting, lazy loading, and bundle optimization**, reducing application load times by **30%**.

Projects

EdTech Platforms | [StudyIQ](#) | [Adda247](#) | *Next.js, React.js, Redux Toolkit, Jotai, SCSS, REST APIs*

- Built and maintained **SSR and CSR modules** supporting **millions of learners** across exam preparation, analytics, and content delivery workflows.
- Developed reusable component systems and responsive interfaces, accelerating feature delivery across web and admin platforms.
- Integrated REST APIs using Redux Toolkit and Jotai while improving performance through lazy loading and dynamic imports.

Star Wars Fleet Management Dashboard | [Demo](#) | [GitHub](#) | *Next.js, TypeScript, React Query, TanStack Table, Jotai*

- Built an enterprise-style fleet management dashboard using **Next.js App Router** and **TypeScript**.
- Implemented sorting, filtering, pagination, and asynchronous state synchronization using **React Query** and **TanStack Table**.
- Designed reusable UI components and custom hooks following feature-based architecture principles.

Education

Rawal Institutes of Engineering & Technology (CGPA: 7.2)

Aug, 2014 – Jun, 2018

Bachelor of Technology in Computer Science & Engineering

Faridabad, Haryana