Ashutosh Kumar

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Experience

Software Engineer (Frontend)
Skima

Dec 2024 - Oct 2025
Mumbai, India

- Engineered and scaled a **SaaS AI recruitment platform** using **Next.js, TypeScript, Tailwind CSS**, shipping **6+ core frontend modules** (DnD dashboards, Kanban boards, workflow editors) used by **1k+ recruiters**.
- **Owned the design and delivery** of a visual campaign flow editor using **React XYFlow**, enabling complex multi-step hiring workflows and reducing campaign setup time by **50%**.
- Integrated **server-state management** with **TanStack Query** (caching, pagination, background refetching), cutting redundant API calls by **45%** and improving UI responsiveness.
- Built a **server-side rendered marketing site** using **Astro**, improving **Core Web Vitals from 60 to 90+** with **GSAP animations** and accessible UI patterns.
- **Led frontend implementation** of a real-time analytics dashboard using **Chart.js**, allowing users to configure views from **1k+ metrics**, and supported **A/B testing** that increased conversion by **15%**.

Software Engineer Intern (Full-Stack)
Anveshan

Feb 2024 - Sep 2024
Gurugram, India

- Delivered a **production-used real-time messaging platform** using **React, Node.js, WebSockets, and Twilio SDK**, supporting **40+ daily active users** with live messaging and presence.
- Established **JWT-based authentication and RBAC**, securing frontend routes and APIs and reducing permission management effort by **60%**.

Software Engineer
SISA Information Security

May 2021 - Jun 2022
Bengaluru, India

- Revamped a legacy **.NET frontend** into a **modular React.js application**, integrating REST APIs and delivering a modern, responsive UI, reducing deployment time by **68%**.
- Introduced **interactive data visualization** using **AG-Grid and Chart.js**, improving SOC analyst investigation speed by **30%**, and optimized performance by **25%** via code splitting and caching.
- **Implemented unit and component tests** using **Jest and React Testing Library**, covering **40%** of the codebase and reducing UI regressions.

Education

Indian Institute of Technology, Guwahati
Bachelor of Technology in Computer Science and Engineering (CSE)

Guwahati, India
May 2021

Projects

AI-Powered Movie Screener | *Next.js, TypeScript, Tailwind CSS, TanStack Query, TMDB API, Gemini API*
- Developed an **AI-assisted movie discovery app** with search, filters, infinite scroll, and SEO routing, handling **10k+ movie records**.
- Implemented **semantic search** by converting natural-language queries into **structured JSON filters**, improving result relevance by **35%**.

Developer Portfolio Website | *Next.js, TypeScript, Tailwind CSS*
- **Developed a WCAG 2.1–compliant portfolio website** using semantic HTML, ARIA roles, and keyboard navigation.
- **Optimized frontend performance** using Lighthouse and Chrome DevTools, achieving **90+ Lighthouse scores** by reducing JavaScript bundle size and improving **Core Web Vitals**.

Technical Skills

Languages: JavaScript, TypeScript, HTML, CSS, SQL, GraphQL
Technologies: React.js, Next.js (App Router), Redux, Zustand, TanStack Query, React Router DOM, Astro.js, Node.js, Tailwind CSS, WebSockets, Rollup, Webpack, Jest, Vitest
Libraries: Xyflow, AG-Grid, Chart.js, React DnD, Framer Motion, GSAP, Axios, React Hook Form, Formik, LangChain
Others: Git, Docker, Cloudflare, AWS, Postman, Elasticsearch, OpenAI API, Gemini API