Ankit Varshney

Senior Frontend Engineer

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with 4.5 years of experience architecting **high-scale** web applications for fintech and insurance sectors. Expert in **React.js**, **Redux**, and **TypeScript**, with a focus on **browser rendering** optimization and **responsive design**. Proven track record of collaborating with **business teams** in **Agile** environments to deliver measurable outcomes: 40% faster page loads and 30% reduction in production bugs. Focused on building scalable, high-performance, technology-driven user experiences.

SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3
State Management: Redux Toolkit (RTK), React Hooks
UI & Styling: Tailwind CSS, Responsive Design, Component-Based Architecture
Performance: Browser Rendering Optimization, Code Splitting, Lazy Loading, Lighthouse, Web Vitals
Build & Testing: Webpack, Jest, React Testing Library, Cypress
Backend: Node.js
Cloud & DevOps: AWS Lambda, AWS EC2, AWS S3, Serverless Architecture, Docker, Jenkins, Git, GitHub Actions
APIs & Integrations: RESTful APIs, GraphQL, OAuth2, OpenAI Integrations

WORK EXPERIENCE

Senior Frontend Engineer | Niva Bupa Health Insurance | Noida, India   **Dec 2024 — Present**
- Spearheaded the migration of 10+ critical marketing pages from AEM to **Next.js** and **React.js**, improving SEO visibility by 35% and reducing Time to First Byte (TTFB) by 40% through Server-Side Rendering (SSR) and **browser rendering** optimizations.
- Engineered a VAPT remediation program that closed 15+ critical vulnerabilities, ensuring strict healthcare data compliance and secure **RESTful API** integrations.
- Architected a fault-tolerant Node.js notification microservice handling 5,000+ daily transactions with 99.9% uptime, automating 8 workflows via AWS Lambda/SES to support **business team** requirements.
- Led code reviews and enforced strict performance budgets within an **Agile** workflow, reducing **Lighthouse** performance regressions by 30% across the engineering team.

Frontend Developer | Ruptok Fintech | *New Delhi, India*   **Jan 2023 — Dec 2024**
- Redeveloped a high-traffic financial dashboard using **React.js**, **Redux**, and **TypeScript**; boosted user retention by 25% and reduced support tickets by 30% by optimizing UI/UX for **feasibility and performance**.
- Developed an AI-powered OCR invoice processing system using OpenAI APIs with 92% extraction accuracy, significantly reducing manual effort for internal operations teams.
- Established a robust CI/CD pipeline using **Jenkins**, **Docker**, and **Git**, and introduced **Jest** for unit testing; achieved 85% coverage and reduced production bugs by 40% to ensure stable **deployments**.

Frontend Developer | CS Mock | *Noida, India*   *Jan 2022 — Dec 2022*
- Overhauled legacy **Webpack** configurations to utilize dynamic imports; reduced bundle size by 20% and accelerated developer rebuild time by 15%, directly enhancing team productivity.
- Refactored 15+ complex class-based components to React Hooks, eliminating memory leaks and simplifying state management for better **maintainability**.
- Implemented an asset optimization pipeline (image compression, lazy loading) that improved mobile **Lighthouse** scores by ~25%, ensuring a seamless experience across devices.

EDUCATION

Bundelkhand Institute of Engineering & Technology, Jhansi, U.P.   **(2018-2022)**
Bachelor of Technology