

# NIKHIL RAWAL

## Full Stack Engineer

Toronto, ON, Canada | rawal.nikhil29@gmail.com

linkedin.com/in/nikhil-rawal | github.com/nikhil-rawal | nikhilrawal.ca

### SUMMARY

Full Stack Engineer with 3+ years of production web development. Experience building multi-tenant AI-powered systems streamlining workflow for 7,000+ agents and 100K+ transactions. Maintained high-traffic real estate platforms (condos.ca, property.ca, mrLoft.ca) serving 1M+ monthly visitors. Developed custom full-stack TMS solution for a small-enterprise replacing costly SaaS. Proficient in React.js, Node.js, Next.js.

### EXPERIENCE

#### **myAbode Inc. - Frontend Engineer | Toronto, ON | May 2025 - January 2026**

Built AI-powered real estate platforms for 7,000+ agents processing 100K+ transactions serving 1M+ users.

Internal Admin Platform (myAbode Deals):

- Rebuilt legacy system into high-performance React SPA, cutting deal review time by ~50% for 100K+ deals.
- Shipped OpenAI-powered document tagging UI with real-time updates reducing manual review by 90%.
- Implemented "Draft Mode" indicator and state-based animations to resolve critical UX confusion.
- Integrated Sprig for UX observability, enabling session replays and in-app surveys.
- Enhanced AI-driven document workflows by improving PSPDFKit (Nutrient) library features in production.
- Architected Storybook component library to standardize UI patterns and enabling team consistency.

Public Platforms (Condos.ca, Property.ca, MrLoft.ca):

- Refactored Storyblok CMS and updated components enabling faster page launches for the SEO team.
- Built a Mortgage Calculator feature increasing session time and lead generation.
- Executed SEO strategies driving to top 10 rankings across Canada, supporting 1M+ monthly visitors.
- Optimized Algolia search queries, resolving critical indexing gaps and improving search relevance.
- Implemented WCAG 2.1 AA accessibility standards across platforms, improving usability and compliance

#### **15603668 Canada Inc. (Logistics & Transportation) - Software Developer | Windsor, ON | March 2024 - December 2024**

Developed custom MERN + Next.js web app to replace expensive SaaS platforms with scalable Transportation Management System (TMS) for 30+ employees handling 100+ daily transactions.

- Eliminated error-prone Excel tracking and call-based assignments with instant digital load dispatch.
- Streamlined workflows, including inspections, trip logs, and cancellations, reducing delays and risks.
- Built role-based dashboards (Admin/Manager/Driver) with interactive load tracking and CSV reporting.
- Designed backend APIs and schema for drivers, trucks, loads, trips, and inspections with full RBAC,
- Replaced \$100s/month SaaS costs with a scalable, in-house system deployed via Docker + GitHub CI/CD.

## **Tantransh Technologies - Frontend Web Developer | Whitby, ON | February 2023 - March 2024**

Developed and maintained responsive web applications using React.js, Next.js and modern frontend tools.

- Migrated legacy workflows to Next.js, Vite, Parcel, TypeScript, and Tailwind CSS for rapid development.
- Optimized web apps by reducing page load times by 30% through modern optimization techniques like SSR, SSG, code splitting, lazy loading, image optimization, memoization, pagination and CDN caching.
- Optimized lightweight Node.js APIs and optimized MongoDB for faster data access.
- Enhanced PWA speed by 20% with server-side rendering (Next.js) and backend optimization.
- Deployed production React applications using AWS S3, CloudFront, Cognito and Firebase.

## **Prospector Steak House & Brewing Co. - Web Developer & Graphic Designer (Co-op) | Thunder Bay, ON | June 2022 - December 2022**

- Built and deployed a responsive website using HTML, SASS, and JavaScript with features like online reservations, menu and Google Maps integration.
- Led visual identity projects by designing logos for 3 new product lines ensuring brand consistency across digital and print assets.

## **TECHNICAL SKILLS**

Frontend: React.js, Next.js, TypeScript, JavaScript, Vite, Parcel, HTML, CSS

Full Stack / Backend: Node.js, Express.js, MongoDB, API integrations, REST/GraphQL

State / UI: Context, Redux Toolkit, Redux-Saga, Zustand, Tailwind CSS, Styled Components, AntD, SASS

Cloud / Platforms: AWS Amplify, AWS S3, CloudFront, EC2, Algolia, Storyblok, Flagsmith, Storybook

Testing & Tooling: Jest, React Testing Library, Git, GitHub Actions, CI/CD

AI-Assisted Development: GitHub Copilot, Cursor, Claude Code, Antigravity

## **EDUCATION**

Confederation College - Postgraduate Diploma, ICT for Business | 2019 - 2021

Chandigarh Engineering College - Bachelor of Technology, Computer Science & Engineering | 2014 - 2018