

# Nirmal Panchal

## Full-Stack Developer

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### SUMMARY

Software Engineer with 4+ years of experience building scalable web and mobile applications using React.js, Next.js, React Native, TypeScript, and Node.js. Experienced developing customer-facing products, responsive user interfaces, API integrations, authentication systems, and cloud-based solutions across transportation and service management platforms. Strong background in frontend architecture, application performance optimization, state management, and Agile software delivery. Proven track record of delivering production-ready applications that improve user experience, streamline workflows, and support scalable product growth.

### TECHNICAL SKILLS

**Programming Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3

**Frontend Technologies:** React.js, Next.js, React Native, Redux Toolkit, Context API, React Hooks, Tailwind CSS, Material UI, Responsive Web Design, Component-Based Architecture

**Backend Technologies:** Node.js, Express.js, RESTful APIs, API Development, Authentication & Authorization

**Databases & Backend Services:** Firebase Firestore, Firebase Realtime Database

**Cloud & Platform Services:** Firebase Authentication, Firebase Hosting, Cloud Functions, Google Maps Platform

**Application Architecture:** Single Page Applications (SPA), Server-Side Rendering (SSR), Static Site Generation (SSG), Component-Driven Development, Reusable UI Design Patterns

**Performance Optimization:** Code Splitting, Lazy Loading, Bundle Optimization, Rendering Optimization, Frontend Performance Tuning, Core Web Vitals Optimization

**DevOps & CI/CD:** Git, GitHub, GitHub Actions, Docker, CI/CD Pipelines, Version Control

**Testing & Quality Assurance:** Unit Testing, Integration Testing, Cross-Browser Testing, Mobile Application Testing, Debugging

**Analytics & Monitoring:** Google Analytics, User Behavior Tracking, Performance Monitoring

**Development Tools:** Postman, Jira, Bitbucket, Figma, VS Code

**Methodologies:** Agile, Scrum, SDLC, Sprint Planning, Code Reviews, Technical Documentation, Cross-Functional Collaboration

### PROFESSIONAL EXPERIENCE

#### Full Stack Developer FleetRevive

Oct 2025 - Present | ON, Canada

- Engineered a React Native mobile application connecting drivers with nearby vehicle service providers, enabling real-time service discovery, roadside assistance requests, and service workflow management.
- Integrated Google Maps Platform APIs to support live location tracking, route navigation, proximity-based provider matching, and location-aware service recommendations.
- Designed secure authentication and onboarding workflows using Firebase Authentication with Google and Facebook OAuth integrations, improving user accessibility and account management.
- Built scalable state management architecture using Redux Toolkit and redux-persist, ensuring consistent application performance and reliable session persistence.
- Developed reusable mobile UI components and responsive user interfaces that streamlined service request creation, provider communication, and status tracking workflows.
- Integrated RESTful APIs for service provider management, request processing, location services, and real-time application data synchronization.
- Optimized application performance through component refactoring, API request optimization, debugging, and production release validation for App Store deployment.

#### Frontend Developer MyRide901

May 2024 - Sept 2025 | Markham, ON

- Led frontend development of a vehicle maintenance management platform using React.js, Next.js, TypeScript, HTML, and CSS.
- Developed features that allowed users to manage vehicle information, maintenance schedules, service records, and reminder notifications.
- Built responsive user interfaces and dashboard screens for tracking vehicle maintenance history and upcoming service requirements.
- Integrated REST APIs to fetch, update, and synchronize vehicle and maintenance-related data between frontend and backend systems.
- Created reusable React components and optimized existing code to improve application performance and simplify future development.
- Worked closely with backend developers and designers to implement new features, fix issues, and improve overall user experience.
- Translated Figma designs into responsive web pages while ensuring compatibility across different browsers and devices.
- Participated in Agile development activities including sprint planning, code reviews, testing, and feature releases.

Intex Technologies

- Developed and enhanced internal business applications using React.js, JavaScript, Node.js, and Express.js to support product lifecycle management, inventory operations, and business reporting.
- Built interactive dashboards that enabled business users to monitor inventory levels, sales performance, product availability, and distribution metrics across operational teams.
- Designed and integrated RESTful APIs connecting frontend applications with backend services, reducing manual reporting activities and improving operational efficiency.
- Implemented reusable React-based UI components that improved code maintainability and accelerated future feature development initiatives.
- Enhanced application responsiveness and cross-browser compatibility, ensuring consistent access to business-critical systems across devices and platforms.
- Developed backend validation controls and data integrity mechanisms that improved inventory accuracy and reduced operational errors.
- Managed source code through Git-based workflows while supporting release management, bug resolution, and ongoing system enhancements.
- Participated in Agile development initiatives, contributing to sprint planning, feature releases, production support, and continuous application improvements.

PROJECTS

FleetRevive - Location-based mobile application connecting drivers with nearby service providers.

Tech Stack: React Native, Redux Toolkit, Firebase Authentication, Google Maps API, REST APIs | Sep 2024 - Present

- Developed a React Native mobile application enabling drivers to locate nearby service providers, submit service requests, and track service progress.
- Integrated Google Maps Platform APIs and Firebase Authentication to support real-time location tracking, navigation, and secure user authentication.
- Implemented Redux Toolkit and redux-persist to manage application state and support reliable user session management.

MyRide901 - Vehicle Maintenance Management Platform

Tech Stack: React.js, Redux Toolkit, REST APIs | May 2024 - Aug 2024

- Built a React.js-based web application enabling users to manage maintenance schedules, service records, and vehicle service reminders.
- Implemented centralized state management and responsive user interfaces to improve usability across desktop and mobile devices.
- Integrated REST APIs to support real-time synchronization of maintenance records and user activities.

EDUCATION

|                                                           |                   |
|-----------------------------------------------------------|-------------------|
| Full Stack Software Development Diploma                   | Aug 2024   Canada |
| Lambton College                                           |                   |
| Bachelor of Science (B.Sc.) in Computer Applications & IT | Apr 2021   India  |
| Gujarat University                                        |                   |

CERTIFICATIONS

Front-End Software Engineering Virtual Experience Programme