# Rabina Gurung | Web Developer

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## PROFESSIONAL SUMMARY

**Web Developer** with **3+ years** of experience building responsive and scalable web applications across insurance, education and client-facing domains using React, TypeScript, JavaScript, Node.js, Express.js, REST APIs, SQL and MongoDB. Strong in end-to-end feature development, reusable UI components, backend services, API integration, database-driven applications, accessibility, performance optimization and AI-powered integrations using OpenAI and Gemini APIs Known for turning business requirements into clean, maintainable solutions and collaborating across product, development and support teams to deliver reliable user-focused applications that improve workflows and business outcomes.

## TECHNICAL SKILLS

**Programming & Web Technologies:** JavaScript (ES6+), TypeScript, SQL, HTML5, CSS3, JSON
**Frontend Development:** React, Responsive UI Development, Reusable Components, State Management, Semantic HTML, Accessibility, WCAG
**Backend Development:** Node.js, Express.js, RESTful APIs, Server-Side Development, Asynchronous Processing, Request Validation, Authentication, Error Handling
**Full Stack Engineering:** MERN Stack, MEAN Stack, End-to-End Feature Development, Frontend–Backend Integration, Requirements Analysis, Data-Driven Applications
**Databases & ORM:** PostgreSQL, MongoDB, Prisma ORM, CRUD Operations, SQL Queries, NoSQL Data Management, Data Validation, Query Optimization
**AI & Intelligent Applications:** OpenAI API, Gemini API, AI-Assisted Content Generation, Text Summarization, Message Refinement, AI-Powered Web Features
**Engineering & Quality:** Git, Version Control, Legacy Code Refactoring, Debugging, API Testing, Unit Testing, Application Performance Optimization, Logging, API Diagnostics, Troubleshooting, Exception Handling

## PROFESSIONAL EXPERIENCE

**Web Developer** **Feb 2025 – Current**
**Manulife** **Canada**

- Architected full-stack insurance features using React, TypeScript, Node.js, Express.js and REST APIs, translating business requirements into maintainable policy and account-management workflows for customers, advisors and internal users across 4+ digital user journeys.
- Engineered responsive policy and account interfaces with React and TypeScript, developing reusable components and structured state-management patterns that improved UI consistency and reduced duplicated implementation across customer-facing workflows.
- Orchestrated Node.js and Express.js backend services with RESTful APIs, implementing request validation, authentication flows, asynchronous processing and structured error handling to support reliable insurance application workflows for customer and internal teams.
- Integrated OpenAI and Gemini APIs with Node.js services, enabling AI-assisted message and paragraph summarization and content refinement while connecting frontend experiences to controlled backend API workflows for application users.
- Optimized SQL, PostgreSQL and MongoDB data workflows through Prisma ORM, implementing type-safe data-access logic, CRUD operations, validation and query handling to support policy, account and application data across full-stack features.
- Accelerated application responsiveness by optimizing React rendering, API request handling, database queries and payload processing, reducing unnecessary client and server-side processing while improving user experience across customer-facing workflows.
- Hardened production application reliability through structured logging, API diagnostics, exception handling and troubleshooting workflows, helping development and support teams identify issues efficiently and maintain stable insurance services through end-to-end feature delivery.

**Web Developer (Co-op)** **Sep 2024 – Dec 2024**
**Fanshawe College** **Ontario, Canada**

- Developed internal web applications using React, TypeScript, Node.js and REST APIs, translating assigned requirements into tested features supporting students, faculty and administrative staff across academic and administrative workflows during a 4-month co-op.
- Created reusable React components and responsive interfaces for internal application screens, standardizing common UI patterns and reducing duplicated frontend logic to make features easier for the development team to maintain.
- Connected React interfaces with Node.js REST services, implementing form handling, client-side validation, asynchronous requests and error-state management to provide dependable data-driven workflows for college users.
- Manipulated SQL and MongoDB data through backend API integrations, implementing retrieval, update and validation logic that connected persistent application data with internal student and administrative workflows.
- Modernized legacy frontend code by restructuring existing screens into typed React components, simplifying component organization and improving rendering paths for applications used by students and staff.
- Strengthened accessibility across internal web interfaces by applying semantic HTML, keyboard navigation, accessible form labels and WCAG-aligned practices, improving usability for users navigating academic and administrative workflows.
- Validated frontend functionality and API integrations through iterative testing and troubleshooting, collaborating with development stakeholders to resolve implementation issues and deliver maintainable web features within the Sep–Dec 2024 delivery window.

**Front End Developer** **Apr 2022 – Jul 2023**
**CodeNest Solutions** **India**

- Implemented responsive web interfaces using JavaScript, React, HTML5 and CSS3, translating functional requirements into reusable frontend experiences for client-facing web applications during a 16-month development tenure.
- Crafted reusable React components and structured responsive layouts, standardizing common UI patterns across application screens and enabling the development team to deliver consistent frontend functionality across client projects.
- Integrated frontend applications with RESTful APIs, handling JSON responses, asynchronous requests, form submissions and validation to connect user interactions with backend data and application workflows.
- Refactored JavaScript and React code to simplify component structures, remove duplicated implementation and improve maintainability across responsive web interfaces delivered for client requirements.
- Optimized browser-side rendering, responsive layouts and frontend resource handling, improving page responsiveness across desktop and mobile breakpoints while creating smoother experiences for application users.
- Debugged frontend defects and API integration issues using browser developer tools and structured troubleshooting, applying Git-based version control to maintain stable code changes throughout feature development.
- Collaborated with designers and backend developers to translate requirements into functional web features, validating responsive behavior and API integrations while resolving implementation issues before client delivery across the Apr 2022–Jul 2023 engagement**.**

## EDUCATION

**Masters:** Mobile Application Development **Aug 2023 – Dec 2024**
Fanshawe College Ontario, Canada
**Bachelors**: Information Technology **2019-2022**
Informatics college Pokhara Pokhara, Nepal