

Umesh Thapa *Fullstack Developer*

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Profile

Full Stack Developer specializing in the modern JavaScript ecosystem, with deep expertise in **React.js, Next.js, React Native, Node.js, and Angular**. Experienced in building high-performance, responsive web and mobile applications with scalable backend architectures. Skilled in designing and consuming RESTful APIs, building microservice-based backends, and integrating third-party services. Proven ability to bridge design and engineering, delivering seamless end-to-end solutions with a strong focus on clean code, modular component design, and cross-platform performance.

Professional Experience

04/2024 – 02/2026 **Full Stack Developer**

Lalitpur, Nepal *Inspiring Lab Pvt. Ltd.*

- Architected and developed full-stack web and mobile applications using React Native, React.js, Angular, Node.js, and NestJS with PostgreSQL databases.
- Built, tested, and deployed mobile applications to the Google Play Store, ensuring smooth release cycles and version management.
- Designed and implemented RESTful APIs and Azure Serverless backend services for US-based client projects.
- Full-stack developer, worked on client projects, ensuring timely delivery through cross-functional collaboration.
- Major Projects:
 - **Titan** – US-based health insurance management platform for lawyers to process accidental insurance claims. Built end-to-end with Angular frontend, Azure Serverless backend, Node.js, and PostgreSQL.
 - **KhelConnect** – Full-stack sports events and athlete records management system (NestJS, React.js, PostgreSQL, TypeScript, Zustand).
 - **DailySync** – Platform to manage daily standups along with AI insights of individual and team progress.

08/2022 – 08/2024 **Full Stack Developer**

Kathmandu, Nepal *Kantipur Infotech Pvt. Ltd.*

- Designed, developed, and consumed RESTful APIs for internal and external integrations.
- Integrated third-party services (e.g., payment gateways, messaging APIs) into full-stack applications.
- Built modular, maintainable backend services following microservice architecture principles.
- Developed responsive frontend interfaces using React.js with Redux Toolkit and Tailwind CSS.
- Major Projects:
 - **Laboratory Information Management System** – Full-stack quality and safety tracking system for food/feed products per Government of Nepal (DFTQC) mandates.
 - **Consultancy Management System (SaaS product)** – Multi-tenant platform with role-based access, built with React.js frontend and Node.js microservices.

02/2021 – 09/2022 **Full Stack Developer**

Kathmandu, Nepal *Heavenmaker Pvt. Ltd.*

- Collaborated with product managers, designers, and stakeholders to gather requirements and contribute to sprint planning with time estimation.
- Designed, developed, and maintained RESTful APIs using Node.js and Express.js for e-commerce backend.
- Built full e-commerce platform frontend and admin panel using Vue.js with Vuetify and Element UI.
- Implemented real-time notification system (WebSocket) for order fulfillment process.
- Managed MySQL database design, query optimization, and migrations for high-traffic e-commerce workloads.

06/2018 – 02/2021 **Frontend Developer**

Ekantakuna, Lalitpur *Helpinc Pvt. Ltd.*

- Designed, developed, and maintained **scalable frontend features** using modern frameworks (Vue / Angular).
- Optimized applications for **performance, SEO, and responsiveness**.

- Ensured **cross-browser and cross-device compatibility**.
- Helped maintain and improve **design systems / component libraries**.

Major Projects

2025 – 01/2026	<p>Braimy Mobile App</p> <p>Braimy is an AI-powered gamified learning platform that makes studying more engaging through points, achievements, and social features while providing comprehensive educational tools and resources. Built full-stack with React Native frontend and Node.js backend services.</p>
2024 – 2025	<p>Sales App</p> <p>This app is designed to track the real-time location of individual marketing personnel after secure login. It enables managers to monitor field staff activities both online and offline. Location data is automatically recorded and synced when an internet connection is available, ensuring accurate tracking even in low-connectivity areas. Full-stack mobile solution with offline-first architecture.</p>
09/2024 – present	<p>TitanMRI</p> <p>Health Insurance Management Platform for lawyers and clerks to process accidental insurance claims. It keeps records of patients and accidents and has a messaging system with claims and offers. Has different roles within the system for admin, attorneys, clerks, law firm admins.</p> <p><i>Stack: Angular, Azure Serverless, Node.js, PostgreSQL, Material UI</i></p>
2024 – present	<p>Khel Connect</p> <p>Khel Connect is an all-in-one platform designed to discover, nurture, and document athletes' journeys and their talents. From the first school-level match to the peak of their professional career, Khel Connect ensures that every step of an athlete's path is carefully tracked and documented.</p> <p><i>Stack: NestJS, PostgreSQL, React.js, Chakra UI, TypeScript, Zustand, React Hook Forms, SWR</i></p>
2022 – 2024	<p>Laboratory Information Management System</p> <p>Laboratory Information Management System helps to keep track of necessary steps and process to ensure the quality and safety of food and feed products, as mandated by the Government of Nepal, Department of Food Technology and Quality Control (DFTQC). System comprises of websites for public use and admin panel for keeping records.</p> <p><i>Stack: React.js, Node.js, Redux Toolkit, Tailwind CSS</i></p>
2019 – 2021	<p>Mahasasto.com</p> <p>Mahasasto is an ecommerce platform for both B2B and B2C supply chain management. It comprises of vendor management, product management, inventory and admin panel.</p> <p><i>Stack: Node.js, MySQL, Next.js, TypeScript, JWT, SCSS</i></p>

Skills

Angular / React.js / Next.js / React Native	Node.js, Express.js, NestJS, REST Framework
App Router, Server Components (RSC), SSR, SSG	GitHub/GitLab
PostgreSQL / MySQL / MongoDB	Authentication (JWT, OAuth2)
TanStack Query (React Query), SWR, Axios	Zustand, Redux Toolkit
GCP / Firebase / Azure Serverless / SSE	JEST / DETOX / JASMINE / KARMA
Vue.js / Vuetify / Element UI	Tailwind CSS / Chakra UI / Material UI / SCSS
WebSocket / Real-time Systems	Microservice Architecture

Education

2018 – 2022	Bachelors of Computer Application
Kathmandu, Nepal	<i>Tribhuvan University</i>
	BCA programs equip students with various IT skills, including programming languages, database management, and web development.