

BIBEK REGMI

Full Stack Developer

✉ regmib11@gmail.com 📞 9866063568 📍 Kathmandu, Nepal 📅 29/02/2000 🇳🇵 nepali

♂ male 🌐 github.com/bibek-21

PROFILE

Full-stack developer with hands-on experience in building scalable web applications using **React**, **Next.js**, **Node.js**, and **TypeScript**. Skilled in developing both frontend and backend features, including dynamic UIs, API integrations, and multi-tenant architectures. Proficient in state management with **React Query**, implementing **role-based access control (RBAC)**, and handling secure authentication flows using cookies and Redis. Experienced with **PostgreSQL**, **MySQL**, and **MongoDB** for data modeling and optimization. Comfortable working with **Docker**, **Nginx**, and **Jenkins** for deployment and CI/CD pipelines. Adept at delivering robust, maintainable, and high-performance full-stack solutions

PROFESSIONAL EXPERIENCE

Software Developer

Aafnai Shop 🌐

02/2024 – present
Kathmandu, Nepal

- Designed and implemented a multi-tenant architecture in TypeScript, leveraging PostgreSQL and MongoDB.
- Integrated eSewa and Khalti for secure payment transactions.
- Configured Docker for seamless deployment and scaling, and used RabbitMQ for efficient asynchronous messaging.
- Designed and implemented a multi-tenant architecture in TypeScript, utilizing PostgreSQL and MongoDB.
- Learned and used react, redux.

NodeJs Developer

Swift Technology Pvt Ltd(IME Group)

06/2023 – 07/2024
Kathmandu, Nepal

- Built applications like TicTacToe and a Chat System, developed a CRUD API, and worked with GRPC microservices.
- Developed and maintained backend services using Node.js, GRPC and MySQL.
- Implemented GRPC Architecture and managed data using MySQL.
- Integrated third-party payment services for fintech applications.

Software Developer

Swift Technology Pvt Ltd(IME Group)

03/2025 – present
Kathmandu, Nepal

- Developed and maintained scalable applications using **React** and **Next.js (App Router – v15)** with TypeScript
- Migrated complex legacy components (e.g., filter drawers, dynamic forms) from JavaScript to TypeScript, ensuring type safety and maintainability
- Replaced **Redux** with **React Query**, implementing a custom baseQuery pattern for clean and reusable API handling
- Integrated **role-based access control (RBAC)** with dynamic UI rendering based on user permissions and roles
- Built and managed forms using **Ant Design**, including dynamic nested checkboxes and conditionally rendered fields
- Handled **authentication flows** using secure cookie-based tokens, both on client and server components
- Implemented **server-side rendering (SSR)** and **client-side rendering (CSR)** based on feature needs for optimal performance
- Used **React Context** and **Redux** where appropriate for local and cross-component state management
- Worked closely with backend (Node.js + TypeORM) to integrate user-role-permission-based access and ensure seamless data flow
- Experience with token stores using **Redis** and **Supabase**, preserving session state across SSR and CSR routes

SKILLS

Technical Skills

- **Frontend:** React, Next.js, Ant Design, React Query, Redux, HTML5, CSS3, Responsive Design
- **Backend:** API Development (Node.js, Express.js), Microservices, Multi-Tenant Architecture, Authentication (JWT, Cookies), Role-Based Access Control (RBAC)
- **DevOps:** Docker, Jenkins, Nginx, CI/CD Pipelines, Deployment Automation
- **Other:** Third-Party Integrations, Real-Time Applications, State Management, Full-Stack Development

LANGUAGES

Nepali, English

INTERESTS

Web Development, Software Development, Machine Learning, Research

PROJECTS

IME Remittance – React Frontend Development

02/2025 – present

- Worked as a **frontend developer**, building and maintaining core features of the IME Remittance web application using **React (JavaScript)**.
- Utilized **Redux** and **Context API** for state management across dynamic user flows.
- Developed **dynamic forms** and interactive UI elements using **Ant Design**, ensuring a responsive and user-friendly interface.
- Integrated REST APIs to handle real-time remittance data and user actions, working collaboratively with backend teams.
- Focused on code reusability, modular architecture, and maintaining clean, scalable front-end code.

Online Notes Nepal – React Admin Dashboard

01/2025 – 04/2025

- Developed the **admin side** of the application using **React** and **TypeScript**, including functionality for managing notes, users, and settings.
- Utilized **Lucide React** for customizable icons and a modern UI.
- Implemented responsive design and dynamic data handling with **React Query**.
- Collaborated with the backend team to ensure smooth data flow and efficient API usage

Aafnai Shop (aafnai.shop)

02/2024 – 02/2025

- **Improved Scalability:** Multi-tenant architecture supported multiple vendors with isolated data environments, enhancing performance and accommodating growth.
- **Seamless Payment Processing:** Integration of eSewa and Khalti ensured secure, smooth transactions, boosting user trust and conversion rates.
- **Increased Operational Efficiency:** RabbitMQ optimized background task handling, reducing bottlenecks and improving response times.

Freelance Project(Akarui Shorai)

03/2024 – 05/2024

- Developed a Node.js REST backend with PostgreSQL to support robust data management and API functionality, ensuring efficient performance and reliable operation of the application.

Jacket House Nepal – Billing System Enhancements

10/2024 – 12/2024

- Contributed to an existing billing system project by adding new features and improving existing workflows.
- Integrated UI components and logic to streamline billing and invoicing processes.

- Collaborated with the existing development team to ensure smooth integration of updates into the live system.

CERTIFICATES

Cypher Fundamentals [↗](#)

GraphAcademy

<https://graphacademy.neo4j.com/c/5d31bf6e-3410-4ac5-87bd-e71583aa709b/> [↗](#)

Neo4j And Node [↗](#)

GraphAcademy

<https://graphacademy.neo4j.com/c/c9e7dbbc-abe3-42be-9c47-cd38525f423c/> [↗](#)

OPENCV BOOTCAMP [↗](#)

OpenCV University

<https://courses.opencv.org/certificates/1d748675f70b45b89bc3a65aa54b48a8> [↗](#)

AI Beginner Guide [↗](#)

https://certificates.simplicdn.net/share/7304652_1724072884.pdf [↗](#)

DECLARATION

I hereby declare that the information provided in this CV is accurate and true to the best of my knowledge and belief. I understand that any misrepresentation or omission of facts may disqualify me from consideration for employment or, if employed, may result in dismissal.

Bibek Regmi
Kathmandu, 2024