

# Binod Gautam

Full Stack Developer with 2.5+ years of experience building scalable, production-ready applications across frontend and backend systems. Proficient in React.js, Next.js, TypeScript, NestJS, and Express.js, with hands-on experience in real-time systems, API architecture, and database optimization. Familiar with CI/CD pipelines using GitHub Actions and cloud deployment on AWS (EC2, S3).

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## WORK EXPERIENCE

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### RPA Nepal.Ltd.Pvt

Full Stack Developer

Apr 2024

- Developed scalable web applications using React, Next.js, TypeScript, Express, and NestJS, including a map-based PWA with Leaflet.js, improving performance through optimized state management, lazy loading, and efficient API integration.
- Implemented real-time communication features using Socket.io with Express Js, enabling low-latency bi-directional messaging with reliable WebSocket handling.
- Designed modular frontend and backend architectures for HRM and dashboard systems using React Query, Redux, and Nest Js, reducing redundant API calls and improving data consistency.
- Optimized existing applications by refactoring UI components, enhancing state management flow, restructuring API calls, and improving SEO and routing through Next.js migration.
- Developed a Photo Booth management system with admin and user dashboards, including dynamic booth configuration and a frame editor built with Fabric.js for image upload, rotation, resizing, and precise positioning.

### Jobaxle.Pvt.Ltd

Full Stack Developer

Sep 2023 - Apr 2024

- Developed responsive and SEO-friendly job portal pages using Next.js, Mantine UI, and PostgreSQL.
- Built features including filtering, search, and a resume builder to improve user experience.
- Implemented OAuth login (Google, GitHub) and integrated APIs with caching strategies using TanStack Query.

## EDUCATION

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### Tribhuvan University

BCA (Bachelor of Computer Applications)

Oct 2019 - Nov 2023

## PROJECTS

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### Kumeji Map [↗](#)

- Interactive tourism map with 3D/VR and quizzes.(React, Leaflet.js, Tailwind CSS)

### connexo.app [↗](#)

- Real-time chat ( React js, TypeScript, Socket.io,Express js)

### Tidy Days [↗](#)

- Human Resource Management (HRM) software(React js, Nest js, RTK Query, Tailwind CSS)

### Jobaxle [↗](#)

- Job Portal(Next Js,postgress,Prisma)

### Mobile Khata [↗](#)

- Digital ledger app.(React, Redux, Tailwind CSS, Express)

## SKILLS

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- **Frontend Development:** React.js, Next.js, TypeScript, Redux, TanStack Query, Zustand, Tailwind CSS, Ant Design, ShadCN UI, Mantine UI, Leaflet.js, Fabric.js
- **Backend Development:** Node.js, Express.js, NestJS,Socket.io
- **Programming Languages:** JavaScript (ES6+), TypeScript
- **Databases & ORM:** MySQL, MongoDB, PostgreSQL, Prisma ORM, TypeORM
- **DevOps & Cloud:** GitHub Actions (CI/CD), AWS (EC2, S3), Docker
- **Tools & Practices:** Git, Postman, REST API Design, Responsive Design, SEO Optimization, State Management