

Bhaskar Rijal

Full-Stack Software Engineer

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Summary

Full-stack software engineer with 5+ years of professional experience delivering web and mobile systems through independent client work and product development. Builds with TypeScript, React ecosystem, Node.js, and PostgreSQL. Strong in end-to-end implementation, debugging, and turning ambiguous requirements into maintainable software.

Education

B.Sc. Computer Science and Information Technology (CSIT) 2021 – 2025
Tribhuvan University (IOST)

Experience

Founder & Software Engineer 2021 – Present
LinkBinary – Software Studio

- Owned requirements, scoping, implementation, deployment, and maintenance for web applications and internal tools delivered to small organizations.
- Built React and Next.js interfaces and Node.js/PostgreSQL services, including administrative workflows, authentication, third-party API integrations, and production deployments.
- Coordinated junior developers and interns during the studio's active delivery period through task planning, code review, and technical guidance.
- The studio currently operates in maintenance for a small number of existing client systems.

Independent Web Developer 2018 – 2021
Freelance

- Delivered websites and small-business tools using Django and WordPress, handling requirements, implementation, deployment, and ongoing maintenance.

Spotlight Projects

The GPU Catalog *Personal – Full-Stack Engineer*
Built a hyper-fast GPU catalog with structured specification data, manufacturer and series navigation, data-ingestion scripts, and dynamically cached product pages using Next.js, TypeScript, PostgreSQL, and Drizzle ORM.

Prime Siksha *Client – Full-Stack Engineer*
Built an examination platform with timed attempts, autosave, automatic submission, question navigation, score tracking, and performance views using Next.js, TypeScript, and PostgreSQL.

ServeX *Client – Full-Stack Engineer*
Built a service marketplace connecting homeowners with verified professionals, including mobile booking workflows, provider management, administrative operations, and SMS notifications using React Native, Node.js, and PostgreSQL.

Gurkha Loyalty *Collaborative – Frontend Engineer*
Developed Next.js workflows for loyalty cards, stamps, redemptions, and transaction management, integrating Laravel APIs and real-time updates for business operations.

Technical Skills

Frontend	TypeScript, React, Next.js, React Native, Expo, Tailwind CSS
Backend	Node.js, NestJS, Express, REST APIs, webhooks
Data	PostgreSQL, Redis
Engineering	Git, GitHub Actions, Jest, React Testing Library, API integration, deployment, debugging

Community

Hackathon mentor at Himalayan WhiteHouse Intl. College (2026), Nepal Engineering College (2026) and Gomendra Multiple College (2025); Technical Speaker at DAJ Dev Meetup (2025) and Hands-on Learning Event, Mechi Multiple Campus (2024); President at MMC B.Sc. CSIT Association (2023).