

Raj Bhusal

DIGITAL ARCHITECT & DEVELOPER

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Professional Summary

I am a passionate professional dedicated to bridging the gap between complex governmental processes and accessible digital solutions. With a strong foundation in system design, web development, and user experience, I build platforms that promote transparency and efficiency. My work reflects a commitment to creating impactful software that serves the public good while maintaining the highest standards of security and reliability.

Core Competencies

- System Architecture:** Designing scalable, secure backends for complex data workflows.
- UI/UX Design:** Crafting intuitive interfaces for diverse user bases, including citizen-facing portals.
- Full-Stack Development:** End-to-end web and mobile application creation.
- Data Visualization:** Turning complex governmental and financial data into accessible analytics.
- Digital Transformation:** Digitizing legacy manual systems into streamlined digital ecosystems.

Key Projects

Digital Khata Pana (डिजिटल खातापाना)

System Architecture & UI/UX Design

Spearheaded the development of a comprehensive Income & Expenditure Transparency Board for the Nepal Government School System. Digitized financial ledgers to ensure 100% transparency for conditional grants, mid-day meal funds, and community donations.

Nepal Gov Dashboard

Data Visualization & Analytics

Developed a centralized data portal providing real-time analytics and reporting for local municipalities across Nepal. Improved administrative reporting efficiency by over 40% and fostered public trust through accessible data widgets.

Citizen Portal

Full-stack Web App Development

Built an intuitive, citizen-first interface to streamline public service requests and grievance handling. Reduced average resolution time from 21 days to 4 days, successfully processing over 10,000 public requests within six months.

Edutech Mobile

Mobile App Development

Engineered an interactive learning platform connecting rural students with expert educators. Implemented offline-sync capabilities for low-bandwidth regions, successfully onboarding over 50,000 active students and boosting average test scores by 25%.

Technical Skills

Frontend: React.js, Vue.js, HTML5, CSS3, JavaScript

Database: PostgreSQL, MySQL, Redis

Backend: Node.js, Laravel (PHP), GraphQL, RESTful APIs

Mobile & Cloud: Flutter, Dart, AWS, Firebase