

Yogendra Baskota

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SUMMARY

Full Stack Developer with practical experience in designing and building dynamic, user-centric web applications using MERN and PERN Stack and modern ecosystems. Proficient in developing, testing, and deploying responsive and interactive frontend solutions and secure backend server from concept to production. Strong problem-solving abilities with a focus on clean, maintainable components and delivering engaging, high-performance user interfaces.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript

Frontend Frameworks & Libraries: React.js, Next.js, Redux Toolkit

Backend Frameworks & Libraries: Node.js Express.js

Frontend Technologies: RESTful APIs, JWT Authentication

Developer Tools: VS Code, Git, GitHub, Chrome DevTools, npm, Vite

Soft Skills: Problem Solving, Team Collaboration, Adaptability, Time Management, Communication

EXPERIENCE

- **DROP**

Kalanki, Kathmandu

Full Stack Developer

Oct 2025 – Present

- Developed a fully functional production-level website for the DROP application, including core features, user flows, and API integrations.
- Built and maintained the main backend services using Node.js and Express with MongoDB, designing secure and scalable RESTful APIs.
- Developed an admin dashboard to manage application data, users, and system operations efficiently.
- Collaborated closely with the team in a startup environment, contributing to backend architecture decisions, debugging, and feature enhancements.

- **Panacea Solutions**

New Baneshwor, Kathmandu

Full Stack Developer

June 2025 – Oct 2025

- Architected and developed full-stack web applications using the MERN and PERN stacks, building scalable RESTful APIs with Node.js and dynamic, responsive user interfaces with React.js.
- Designed and optimized both frontend state management (Redux Toolkit) and backend database schemas (Prisma, Mongoose) to ensure data consistency and high performance across the entire stack.
- Implemented end-to-end secure solutions, including JWT authentication and authorization on the backend and protected routing on the frontend, with data validation using Zod and bcrypt.
- Owned features from concept to deployment, collaborating across the development lifecycle to translate user requirements into full-stack solutions, from UI components to database models.

- **Lunar IT Solution**

Itahari, Nepal

MERN Stack Intern

Dec 2024 – Apr 2025

- Developed and maintained full-stack MERN applications, building RESTful APIs with Node.js/Express and dynamic user interfaces with React.js.
- Managed end-to-end data flow by integrating frontend components with backend services and performing database operations with MongoDB.
- Enhanced application quality by implementing responsive designs, conducting feature testing, debugging, and participating in team code reviews.

PROJECTS

RoadMark [🔗 GitHub](#) [🔗 Live](#)

Aug 2025

- Developed a community-driven Pothole Reporter platform enabling users to report road hazards with location mapping, size documentation, and severity assessment through an intuitive React-based interface.
- Engineered a real-time interactive dashboard, integration, allowing visualization of reported potholes with filtering by severity, location, and status for efficient municipal response prioritization.
- Implemented user authentication, feedback systems, and responsive design ensuring seamless cross-device accessibility, fostering community engagement and accelerating road maintenance processes.

SmartCheckMate [🔗 GitHub](#) [🔗 Live](#)

Feb 2025

- Developed a full-stack MERN application with React/Vite and Tailwind CSS to manage schools, classes, students, and attendance records.
- Implemented role-based access control and real-time APIs for attendance tracking using Redux Toolkit for state management.
- Optimized database queries and aggregation pipelines for efficient attendance summaries and fast data retrieval.

Cartza [🔗 GitHub](#)

July 2025

- Developed a full-stack multi-vendor e-commerce platform using React/Vite, Node.js, and MySQL with Tailwind CSS.
- Implemented secure authentication, role-based access control, and RESTful APIs for cart, orders, and product management.
- Managed complex application state with Redux Toolkit and built vendor/admin dashboards for seamless operations.

Momo-Pasal [🔗 GitHub](#) [🔗 Live](#)

Mar 2025

- Built a single-vendor food e-commerce platform using React.js Node.js, Express, and MongoDB, designed for a local momo shop to handle online orders and menu management.
- Implemented secure authentication and role-based authorization with JWT and bcrypt, ensuring safe access for customers and admins.
- Developed RESTful APIs for user, product, cart, and order management with optimized database queries for performance.

Event Manager [🔗 GitHub](#) [🔗 Live](#)

Jan 2025

- A role-based school event management system using the MERN stack, enabling teachers to create, update, and delete events, and allowing students and guests to view and register for them.
- Implemented secure JWT-based authentication with role segregation (Admin, Teacher, Student, Guest), including admin controls to approve/reject users and manage access.
- Integrated real-time updates for event changes, responsive UI with Tailwind CSS, and deployed the frontend on Vercel and backend on Render for production access.

Blog Management System [🔗 GitHub](#)

Aug 2025

- Developed a Blog Management System using Node.js, Express, and MongoDB, enabling users to create, read, update, and delete blogs.
- Integrated image upload and management with Multer and Cloudinary, ensuring secure and scalable media handling.
- Implemented authentication and blog access APIs, supporting seamless user interaction and data consistency.

EDUCATION

- **Bhanu Secondary School** Jhapa, Nepal
Diploma in Computer Engineering 2016 – 2020
- **IOE-Pashchimanchal Campus** Pokhara, Nepal
Bachelors in Electronics, Communication and Information Engineering 2021 – 2025