

# Ashim Thapa Magar

Full Stack Developer (MERN | Next.js | TypeScript | PostgreSQL)

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🌐 Ashim ThapaMagar 🔄 ashim086 📍 Nepal, Baneshwor

## Professional Summary

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Full Stack Developer specializing in **MERN stack, Next.js, and TypeScript** with experience building scalable web applications, payment integrations, and role-based platforms. Passionate about developing secure APIs, modern UI systems, and cloud-deployed applications.

## Tech Skills

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### Programming Languages

JavaScript (TypeScript), Java, C#, Object-Oriented Programming (OOP)

### Backend

MongoDB, PostgreSQL, Prisma ORM, Neon

### Tools & Platforms

Git, GitHub, REST APIs, JWT Authentication, Session Management, Vercel, Render

### Frontend

React.js, Next.js, Tailwind CSS, Shadcn UI

### State Management & API Handling

TanStack Query, Zustand, React Context, Axios

### Other

Payment Gateway Integration (eSewa, Khalti), AI API Integration, Real-time Communication (WebSocket)

## Experience

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**Junior Frontend web developer, IOXET Pvt. Ltd.**

08/2025 – working

**Frontend web developer Internship, Panacea solution Pvt. Ltd.**

07/2025 – 08/2025

## Projects

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### Full-Stack Relocation Booking Platform (Removals Management System), <https://texch.vercel.app/>

Developed a full-stack platform for booking and tracking home and office relocation services.

- Built a modern frontend using Next.js (App Router) and TypeScript with role-based dashboards for Customer, Driver, and Admin.

Designed and integrated RESTful APIs for authentication, bookings, services, users, and dashboard analytics.

- Implemented secure authentication with JWT, refresh tokens, and Google OAuth, including protected routes and middleware-based access control.
- Modeled core business entities (Users, Drivers, Services, Bookings) using Prisma ORM with PostgreSQL, supporting full booking lifecycle management (Requested → Completed).
- Enhanced backend reliability with centralized error handling, async wrappers, and API rate limiting.

Tech Stack: Next.js, TypeScript, Node.js, Express, Prisma, PostgreSQL, JWT, OAuth, Tanstack query

### Full-Stack E-Commerce Payment Integration (Nepal Payment Gateway Demo),

<https://wallets-sooty.vercel.app/login>

Developed a full-stack e-commerce MVP demonstrating end-to-end payment processing with Nepal's leading payment gateways, eSewa and Khalti.

- Built a modern frontend using Next.js (App Router) and TypeScript with protected routes, authentication flow, product browsing via an external API, and real-time order status pages.

Designed and integrated RESTful APIs for authentication, payment initiation, callback verification, and order management, supporting dual payment gateway flows in a single backend.

- Implemented secure authentication with JWT stored in httpOnly cookies, bcrypt password hashing, and middleware-based route protection.
- Integrated eSewa ePay v2 with HMAC-SHA256 cryptographic signature generation for tamper-proof transaction verification, and Khalti KPG-2 with paisa-unit conversion and server-side payment lookup.
- Modelled core entities (Users, Orders) with full order lifecycle management (Pending → Success / Failed) and built centralized error handling with typed Express middleware.

Tech Stack: Next.js, TypeScript, Node.js, Express, JWT, eSewa ePay v2, Khalti KPG-2, Tailwind CSS, Axios

### **Medi-care an ecommerce platform for buying vitamins and protein,**

<https://medicarelifeharmony.vercel.app/>

- Built using Next.js (TypeScript), Express.js, Node.js, and MongoDB.
- Deployed frontend on Vercel and backend on Render.
- Implemented state management using React Hooks and React Query to handle API data fetching and caching efficiently.
- Integrated RESTful APIs for backend communication; deployed frontend on Vercel and backend on Render.
- Version controlled with Git .
- Developed a e-commerce platform using Next.js (TypeScript), Express.js, Node.js, and MongoDB for seamless product browsing and checkout.

### **News portal - classic-pape -paperio,** <https://news-portal-swart-zeta.vercel.app/>

- Full-stack project using MongoDB, Express.js, React.js, Node.js (MERN).
- Implemented role-based access control for Admin, Journalist, and Viewer.
- Created RESTful APIs for managing users, news articles, and roles.
- Designed a dynamic and React frontend with ES6 and Fetch API integration.
- Secured API routes using middleware and authentication.

### **AI Voice Chat Girlfriend,** <https://mygirlfriend-beryl.vercel.app/>

- Built with React.js, Web Speech API, and Google Gemini API.
- Utilized Google's Gemini API to generate natural-sounding, emotionally expressive replies based on user speech input.

## **Education**

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**Bachelor's Degree (BCA),** Patan Multiple Campus Patan, Lalitpur 2022 – pursuing

**+2, science,** Sainik Awasiya Mahavidyalaya Kharini, Chitwan 2019 – 2021

- Grade: B

**SEE,** Sainik Awasiya Mahavidyalaya Teghari, Kailali 2018

- Grade: A

## **Certification**

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**Full stack MERN training,** Broadway Infosys Pvt. Ltd. 04/2025 – 06/2025