ASIM CHAULAGAIN

Frontend Developer / MERN Mentor

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Frontend Developer with 3+ years of expertise in React and Next.js, specializing in creating high-performance, user-centric web applications. Proficient across the MERN stack with strong backend capabilities in Node.js and MongoDB, plus experience building desktop applications with Electron.js.

As a MERN mentor, I combine hands-on development experience with a passion for teaching, helping developers master modern JavaScript technologies and industry-standard practices. Committed to delivering scalable solutions and exceptional user experiences.

PROFESSIONAL EXPERIENCE

React / Node developer - [Vrit technologies](#) (Feb 2025 - Present)

- **Authorized Partner — Education Consultancy CRM**

    - Lead Frontend Developer
    - Multi-tenant CRM platform for education consultancies
    - Real-time chat implementation using **WebSockets**
    - Application, lead, and commission management modules
    - REST API integration and state management

- **SanitizeEmail — Email Validation Platform**

    - Frontend development for email validation and cleanup system
    - Built real-time notification system using **WebSockets**
    - Integrated backend APIs for email processing workflows

- **OrbitChat — AI Chatbot Platform**

    - End-to-end MERN stack development
    - Integrated **AutoRAG**, **OpenAI**, and **Gemini AI**
    - WhatsApp, Facebook Messenger, and Instagram webhook integration
    - GraphQL API consumption for messaging platforms
    - Automated message receive, processing, and response pipelines
    - Message streaming and real-time updates using **Server-Sent Events (SSE)**

- **Intense.team — Employee Monitoring Application**

    - Cross-platform desktop application development using Electron.js
    - Employee work-time tracking and activity monitoring
    - Screenshot capture and system activity logging
    - Real-time data transmission using **WebSockets**
    - Background process handling and IPC communication

Frontend / MERN Mentor - [Skillshikshya](#) (Feb 2025 - Present)

- **Frontend Mentor**

    - HTML5, CSS3, JavaScript
    - React.js, Next.js

- **MERN Mentor**

    - Node.js & MongoDB
    - Express js
    - API development and integration

Frontend developer - [IT Bridge Nepal](2023 - 2025)

- **Cooperative Management Application**

    - React.js frontend development
    - Role-Based Access Control (RBAC) implementation
    - PDF report generation (client-side pdf generation)

- **[Enimto - Event creation application](#)**

    - Lead Frontend Developer
    - Next.js frontend development
    - Delivered event pages supporting 2,000+ recipients per campaign

EDUCATION

NIST College, Banepa(2021 - 2025)
Graduated with a Bachelor of Science in Computer Science and Information Technology (BSc.CSIT) from NIST College, Banepa.

DAV College, Jawlakhel Lalitpur (2019 - 2021)
Completed Highschool with a science degree from DAV college.

SKILLS

- React.js, Next.js
- Node.js, Express.js
- Electron.js

- JavaScript (ES6+), TypeScript
- RESTful APIs & Webhooks
- Git, CI/CD (Github actions)

- HTML5, CSS3, Tailwind CSS
- Role-based Access Control
- Mentorship skills