

Aakasmik Ghimire

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Frontend and Mobile Developer with a solid foundation in building responsive web applications and cross-platform mobile apps using React.js, Next.js, and React Native. Proficient in modern state management using Redux Toolkit and the Context API, with hands-on experience integrating RESTful APIs and cloud storage like AWS S3. Possesses full-stack familiarity with Node.js, MongoDB, and PostgreSQL, allowing for seamless collaboration across the development lifecycle. Passionate about writing clean, maintainable code and rapidly adapting to new internal tooling and development ecosystems.

EXPERIENCE

Full Stack Developer Samakhushi, Kathmandu

Devalaya Infosys Apr, 2025 - Jun, 2026

- Spearheaded the development and delivery of diverse, high-volume web applications, including complex e-commerce platforms and web solutions built from scratch.
- Demonstrated full-stack capabilities by delivering fast, highly interactive user interfaces with Next.js and Tailwind CSS, while building and scaling robust server-side APIs using Node.js.
- Designed and managed relational and non-relational database architectures, utilizing PostgreSQL and MongoDB for secure data storage and optimized query execution.
- Executed diverse third-party integrations, including configuring local payment gateways (eSewa/Khalti) and leveraging external RESTful APIs for dynamic content delivery.
- Ensured project success by integrating cloud media storage via AWS S3, conducting thorough testing, and maintaining scalable architecture across all delivered applications.

Web Developer / Tech Assistant Thamel, Kathmandu

Ember Holidays Apr, 2024 - May, 2025

- Designed and maintained high-conversion travel websites, optimizing layout structures and site architectures to enhance user experience (UX).
- Configured third-party travel booking APIs and implemented specialized plugins to ensure real-time data display and dynamic content rendering.
- Executed SEO optimization strategies, improving core web vitals, mobile responsiveness, and site speed to maximize organic traffic and user engagement.
- Handled routine technical maintenance, responsive adjustments, and security configurations across travel booking landing pages.

EDUCATION

BSc. CSIT Kathmandu

Sagarmatha College of Science and Technology Dec, 2022 - Present

Pursuing Major in Computer Science

+2 in Science Kathmandu

Kathmandu Bernhardt College Nov, 2019 - Jul, 2022

Graduated +2 with major in Science.

PROJECTS

MeetSpont – Hyper-Local Anonymous Chat Platform

- Architected, deployed, and fully launched a production-ready location-based web application enabling anonymous, hyper-local real-time chat for users within a strict 3-mile radius.
- Engineered the backend architecture using Supabase and PostgreSQL, implementing optimized geo-spatial querying logic to dynamically filter and connect active users based on proximity data.
- Integrated Firebase Authentication to provide a secure Google OAuth sign-in flow while ensuring user identities remain completely anonymous on the client-side.

- Currently in the process of developing the cross-platform mobile application using React Native to scale the ecosystem, expand user accessibility, and increase user retention.

<https://www.meetspont.com/>

BusYatra – Bus Ticketing System

- Developed a cross-platform mobile application for digital bus ticketing, featuring real-time seat selection matrices, interactive route search workflows, and dynamic ticket generation.
- Integrated digital payment gateways to securely process passenger fares and manage transaction statuses using safe asynchronous server communication.
- Implemented an AI chatbot module and custom optimization algorithms within the application to handle customer support FAQs and provide optimal travel route suggestions.
- Built a scalable RESTful API backend using Node.js and Express.js, optimizing database operations in MongoDB to handle concurrent seat reservation requests efficiently.

<https://github.com/aakasmikgh/bus-yatra>

ChargeGhar – Powerbank Rental Ecosystem

- Collaborated on the web infrastructure of a complex distributed system featuring hardware-to-software interaction for a commercial powerbank sharing network.
- Spearheaded web platform development utilizing Next.js and React to construct high-performance, decoupled frontend web interfaces for managing user rentals, balances, and station locations.
- Integrated secure API endpoints within the web application to handle real-time data sync between decoupled clients and the core service backend framework.
- Gained deep exposure to enterprise workflows, including working alongside complex asynchronous data structures, external communication protocols, and cloud architecture pipelines.

<https://chargeghar.app/>

ACHIEVEMENTS

Secretary, Sagarmatha Student Council

- Managed and maintained all administrative records, meeting minutes, and official communications for the student body.
- Ensured smooth coordination between various council departments and external faculty advisors, demonstrating strong organizational management and responsibility.
- Successfully planned and executed key campus events, showcasing effective team collaboration and reliable execution under pressure.

SKILLS

JavaScript, TypeScript, HTML5, CSS3, React, Next.js, Tailwind CSS, React Native, Redux Toolkit, Node.js, Express.js, RESTful APIs, PostgreSQL, MongoDB, Supabase, Firebase, AWS S3, Git, Github, SEO Optimization, Postman

LANGUAGE

Nepali, English, Hindi

REFERENCES

Tirtha Raj Poudel - *Software Engineer*

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