

KARUN GYAWALI

SOFTWARE ENGINEER | FULL STACK ENGINEER

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Professional Summary

Full Stack Engineer with expertise in building responsive, user-centric web applications using React, Next.js, Tailwind CSS, and ShadCN UI, alongside robust backend experience in Node.js, NestJS, and PostgreSQL. Skilled at designing intuitive UIs, optimizing performance, and delivering secure, scalable systems. Passionate about creating modern, data-driven platforms that seamlessly integrate frontend and backend to balance usability with technical excellence.

Experience

Rumsan Associates — Software Engineer

(Jul 2023 –Oct 2025)

- Designed, developed, and maintained backend and frontend components of web applications using NestJS, Next.js, and other modern frameworks as required.
- Wrote clean, efficient, and well-documented code following industry best practices and coding standards.
- Collaborated with cross-functional teams to analyze requirements, design scalable solutions, and ensure timely delivery of features.
- Contributed to the development and integration of blockchain-based systems for the Rahat platform and related projects.
- Participated in code reviews, testing, and debugging to maintain high software quality and reliability.
- Implemented integrations with third-party services such as custodial wallets and SMS providers.
- Worked closely with designers and product managers to translate user needs into functional, user-friendly software features.
- Supported project documentation, sprint planning, and technical discussions within the Agile development cycle.

NG-Shopping Center — IT Engineer

(March 2021 – Oct 2021)

- Upgraded network infrastructure to improve overall capacity and reliability
- Enhanced POS systems to streamline transactions and efficiency
- Conducted IT training to increase employee adoption of digital tools

Freelance Developer — Web Developer

(Jan 2020 – Dec 2022)

- Implemented new e-commerce features to improve user engagement
- Executed scalable RESTful APIs to enhance system performance
- Enhanced client platforms to reduce page load times

Projects

- Beneficiary Management Platform** : Designed secure and efficient user interfaces with dashboards, reporting, and data validation to manage beneficiary information accurately.
- Rahat (Open-Source Aid Platform)** : Implemented a scalable, transparent token distribution system with dashboards, logs, error handling, and collaboration with community organizations.
- Community Management Tool** : Designed and maintained a CMS with dashboards and workflows to centralize community needs, track progress, ensure data accuracy, and facilitate collaboration.
- Trigger Management System** : Developed a real-time, automated disaster response platform integrating multi-source forecasting data for efficient hazard monitoring.

Skills

Technical Skills

- Frontend : React, Next.js, Tailwind CSS, ShadCN UI, JavaScript (ES6+), TypeScript
- Backend : Node.js, Express, NestJS
- Databases : PostgreSQL, MongoDB, Prisma, Mongoose
- Architecture : REST APIs, Microservices, WebSockets, Docker, Nx Monorepo, Git
- Testing : Jest, Postman, ESLint, Prettier

Soft Skills

- Problem-Solving & Critical Thinking
- Collaboration & Communication
- Adaptability & Continuous Learning
- Detail-Oriented & User-Centric Approach
- Effective Time & Task Management

Education

Bachelor in Computer Engineering
High School
Secondary School

Pokhara University
Tilottama Higher Secondary School
New Horizon Institute