

## Madan Ghimire

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 [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

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## Professional Summary

Frontend Engineer with 5+ **years of proven success** designing and delivering scalable, high-performance web applications using **React, Next.js, and TypeScript**. Specialized in **frontend architecture, SSR/SSG/ISR, and modern state management**, with a strong track record of building **pixel-perfect, user-centric features** in close collaboration with product and design teams. Skilled at **performance optimization, mentoring peers, and driving best practices** in code quality, accessibility, and maintainability. Also experienced in **Node.js and Express.js**, enabling seamless collaboration across the full stack. A fast learner and highly adaptable, passionate about **clean code, problem solving, and continuous innovation**.

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## Technical Skills

- **Frontend:** React.js, Next.js (SSR/SSG/ISR, API routes), TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, SCSS, Storybook
- **State Management:** Redux Toolkit, Redux Saga, Zustand, TanStack React Query, React Context
- **Backend & APIs:** Node.js, Express.js, Next.js api routes, server actions, RESTful APIs, Swagger Docs, redis.
- **Databases:** PostgreSQL, MySQL, MS SQL, Mongo DB,
- **Authentication/Authorization:** Next Auth, JWT, Zenstack Access policies.
- **API & Data:** Axios, Fetch API, Tanstack react query, rtk query, RESTful APIs, Swagger Docs, Postman.
- **ORM:** Prisma ORM, Mongoose.
- **Testing:** Playwright Automation.
- **UI Libraries:** Material UI, Kendo React, Ant Design, Shadcn, Styled Components
- **Tooling & DevOps:** Git, GitHub, Vite, Webpack, Husky, ESLint, Docker.
- **Workflow:** Agile/Scrum, Sprint Planning, Code Reviews, Mentoring.

- **Soft Skills:** Problem Solving, Communication, Team Collaboration, Accountability
  - **Other:** Elastic Search, Responsive Design, OOPS, Clean Code Architecture
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## Professional Experience

### Frontend Developer

**Digital Greenhouse Nepal Pvt. Ltd. / xRDigital Inc.**



Jan 2024 – Present

- Designed, built, and maintained performant web applications using **React, Next.js (SSR/SSG), and TypeScript**, ensuring scalable and maintainable codebases.
- frontend architectural decisions, promoting **modular, reusable component design** with , KendoReact Kendo react utility class, scss.
- Develop REST API using Next.js api route, server actions and Zenstack.
- Integrated RESTful APIs with Axios and Fetch API, implementing robust error handling and optimized data fetching workflows.
- Use TanStack Query to **Fetch, cache, and synchronize server data**.
- Integrate Next Auth for Authentication and Authorization.
- Improved application speed through **lazy loading, code splitting, and memoization**, proactively identifying and addressing performance bottlenecks.
- Conducted code reviews, provided constructive feedback, and mentored junior developers on best practices and clean code standards.
- Stayed up to date with evolving frontend technologies, introducing improvements to enhance team productivity and project quality.

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### React Developer

**Podamibe Nepal Pvt. Ltd.**



Jun 2022 – Nov 2023

- Developed modern dashboards and enterprise applications with **React, Redux Toolkit, Redux Saga, and MUI**.

- Delivered **pixel-perfect, accessible UIs** based on Figma designs, maintaining consistent design systems using SCSS and Styled Components.
  - Optimized app performance through predictable asynchronous workflows and efficient state management.
  - Collaborated with cross-functional teams to implement high-quality, scalable solutions in Agile sprints.
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## React Developer

### Quantum IT Solutions

 Dec 2020 – Apr 2022

- Built **single-page applications** following component-based architecture in React and JavaScript (ES6+).
  - Designed responsive and interactive UIs using SCSS, Bootstrap, and Styled Components, enhancing user experience and accessibility.
  - Developed frontend interfaces for e-commerce and e-learning platforms, integrating with RESTful APIs for seamless data operations.
  - Deployed projects to Vercel ensuring optimized performance for production environments.
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## .NET Developer

### NBIT Pvt. Ltd.

 Feb 2019 – Jan 2020

- Developed data-driven web apps using **ASP.NET Core MVC and C#**, crafting responsive layouts with Bootstrap and jQuery.
  - Wrote optimized SQL queries and integrated Entity Framework for efficient backend operations.
  - Collaborated in Agile teams to deliver high-quality software solutions on schedule.
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## Highlighted Projects

## Materiel Insights – PLM Dashboard

*React, Next.js, Kendo React/ Kendo css utility class, scss, Prisma ORM.*

- Architected and developed **reusable components and customizable dashboards** for a complex SaaS application.
  - Implemented **ZenStack, Prisma ORM, PostgreSQL, Next.js API routes, Server Actions**, and TanStack Query for performant data management.
  - Improved application scalability by optimizing queries and leveraging advanced memoization techniques.
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## Piiink Platform – Business Community Tool

*React, Redux Saga, Material UI | [piiink.org](http://piiink.org)*

- Created responsive, role-based dashboards with efficient state flow using Redux Toolkit + Saga.
  - Enhanced user experience with pixel-perfect design implementations.
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## Smart Gateway – Payment Platform

*React, TypeScript, Material UI, Redux, Redux Saga*

- Developed admin dashboards with data visualization components using Recharts.
  - Integrated RESTful APIs for secure payment processing workflows.
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## Ebidhya – E-Learning Platform

*React, Ant Design, SCSS, REST APIs*

- Designed intuitive student/admin interfaces with mobile-first responsiveness.
  - Implemented secure token-based authentication (JWT) with Axios API consumption.
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## Education

**BSc in Computer Science and Information Technology**

Tribhuvan University, IOST – 2014 – 2018

Final Score: 60.26%

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**References**

Available upon request.