

HARKA MAN TAMANG

Senior Frontend Engineer | React, Next.js, TypeScript | Real-Time Data & High-Performance Web Applications

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with 10+ years of experience building scalable, high-performance web applications using **React.js**, **Next.js**, and **TypeScript**. Specialized in developing **real-time dashboards**, **data-intensive interfaces**, and **API-driven applications** for complex business workflows.

Strong experience integrating **microservice-based backend systems**, **secure APIs**, and **real-time data streams**, while ensuring smooth user experiences in high-traffic environments. Passionate about building reliable, scalable, and responsive interfaces with a focus on **performance**, **security**, and **maintainable architecture**.

CORE SKILLS

Frontend Engineering

- React.js (Hooks, Advanced Patterns, Component Composition)
- Next.js (SSR, SSG, ISR, App Router)
- TypeScript, Modern JavaScript (ES6+)
- Scalable component architecture
- Responsive and cross-browser UI development

Real-Time & Data Systems

- WebSocket integration
- Real-time dashboards and live data updates
- Data-intensive UI systems
- RESTful and GraphQL API integration
- Async state synchronization and error handling

Distributed Systems & APIs

- Microservice-based architecture integration
- High-availability frontend systems
- Secure API communication
- JWT authentication flows
- Role-based access control (RBAC)

Data Visualization

- Recharts
- ECharts
- Financial-style dashboards
- KPI panels and data analytics interfaces

State Management

- Redux Toolkit
- RTK Query
- Context API
- Complex UI state management

Performance Optimization

- Rendering optimization
- Code splitting and lazy loading
- Bundle size optimization
- Core Web Vitals optimization
- Lighthouse performance optimization (95+)

Debugging & Development Tools

- Chrome DevTools advanced debugging
- Network request inspection
- Performance profiling
- Modern frontend build pipelines
- Webpack, Babel, Vite

Development Practices

- Git workflows
- CI/CD pipelines
- Agile / Scrum development
- Code reviews and mentoring

PROFESSIONAL EXPERIENCE

MBLM, Dubai, UAE (Jan 2019 - Current) - Senior Frontend Developer

Lead frontend development of scalable React and Next.js applications used in production environments.

Key Contributions:

- Developed **high-performance React and Next.js applications** integrating microservice-based backend APIs.
- Built **real-time data dashboards** using WebSockets and API polling to display live updates and system status.
- Implemented **complex UI workflows** using Redux Toolkit and Context API for scalable state management.
- Integrated secure REST APIs with **authentication, authorization, and role-based access control**.
- Optimized frontend performance through **code splitting, memoization, and bundle optimization**, achieving Lighthouse scores above 95.
- Collaborated closely with backend engineers, designers, and product teams to deliver reliable production features.
- Led **code reviews and mentoring** for junior developers to improve code quality and engineering practices.
- Used modern development tools including **Webpack, Babel, and CI/CD pipelines** to streamline deployments.

MBLM, Dubai, UAE (May 2014 - Dec 2018) - Frontend Developer

Worked on enterprise-level web applications using modern JavaScript frameworks and frontend best practices.

Key Contributions:

- Built responsive and cross-browser web applications using **JavaScript (ES6+), HTML5, and CSS3**.
- Integrated frontend systems with **secure backend services and RESTful APIs**.
- Improved application maintainability through **modular component architecture**.
- Collaborated with design and product teams to convert UI/UX designs into functional interfaces.
- Assisted debugging, testing, and maintenance of production web applications.

Codeilo Solutions, Kathmandu, Nepal (Jan 2013 - May 2014) - Co-Founder & Frontend Developer

Co-founded a web development agency delivering custom websites and frontend solutions.

Key Contributions:

- Built responsive websites using modern JavaScript and CMS platforms.
- Developed reusable frontend components and scalable UI structures.
- Delivered SEO-optimized websites focused on performance and user experience.
- Managed client communication, project planning, and technical implementation.

Websearch Professionals, Kathmandu, Nepal (Dec 2007 - Dec 2012) - Senior Frontend Developer

Developed frontend systems for enterprise web platforms and CMS-driven websites.

Key Contributions:

- Designed responsive interfaces for ASP.NET and CMS platforms.
- Built JavaScript-based interactive UI components and frontend architecture.
- Improved usability and long-term maintainability of web systems.
- Mentored junior developers and conducted technical code reviews.

EDUCATION

Bachelor's Degree in Computer Science (BCA), Indira Gandhi National Open University, India

TRAINING / COURSES

Master's Diploma in Internet Architecture, SSi Education, Kathmandu, Nepal