



## FRONT-END DEVELOPER

# Ujjwal Pudasaini

Frontend Developer with 4+ years of experience delivering production-grade React.js and Next.js applications. Led full migration from React to Next.js, improved performance by 40–60%, reduced onboarding time by 60%, and supported 1,000+ concurrent users. Experienced Technical Project Manager – managed teams of 5 developers, ran Scrum sprints, and shipped features on time. Expert in TypeScript, Tailwind CSS, shadcn/ui, RBAC, performance optimization, and end-to-end testing. Ready to drive technical excellence and business results in a senior/lead role.

## EXPERIENCE

### Professional Front-End Developer

Digital Consulting Venture Pvt. Ltd. | Kathmandu (Client: LI2.GMBH - Germany) / January, 2026 - Present

- Develop a production planning and waste management solution for multi-location food service operations using React.js and TypeScript.
- Implement robust state management using Zustand and ensure high code reliability through Vitest for unit testing and Playwright for end-to-end (E2E) testing.
- Optimize operations through intelligent forecasting and real-time production tracking interfaces, focusing on scalable component-driven architecture.
- Collaborate with international teams to deliver production-grade features, ensuring seamless integration with complex backend systems.

### Front-End Developer | Technical Project Manager

Cognix Insights ( Formerly Waterflow Technology ) / September, 2022 - December, 2025

#### Connect Infinity – Call & Ticket Management Platform

- Led migration from React to Next.js (App Router), added server-side rendering (SSR), improved SEO and performance for 100+ concurrent users.
- Managed a team of 5 developers as Technical Project Manager; ran daily stand-ups, planned sprints, tracked tasks in Jira, and delivered features on time using Scrum.
- Improved app speed by 40%+ with lazy loading, code splitting, dynamic imports, Webpack optimization, and Lighthouse fixes.
- Built reusable UI components using shadcn/ui, Tailwind CSS, and TypeScript for call logging, tickets, real-time activity feed, and data deduplication.

## CONTACT

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## SKILLS

- JavaScript (ES6+), TypeScript ,ECMAScript - Experienced
- Tailwind CSS, Shadcn/ui, Material UI - Experienced
- Redux, Zustand, TanStack Query (React Query) - Experienced
- Zod, TanStack Table, React Hook Form, Yup - Experienced
- REST APIs, GraphQL, WebSockets,, Axios - Skillful
- NextAuth.js / Auth.js, JWT, RBAC - Skillful
- Lazy Loading ,Code Splitting, Bundle Analysis - Skillful
- Jest, React Testing Library, Testing Library - Experienced
- Git, GitHub, Azure Repos, CI/CD (GitHub Actions) - Experienced
- Jira, Agile / Scrum, Azure Board,Sprint - Experienced
- Technical Project Management, Team Leadership - Experienced
- Code Reviews, Architecture Design - Experienced
- Accessibility(WCAG 2.1 AA),Storybook - Experienced
- WebRTC, Recharts, Chart.js

- Integrated OnePageCRM API and built dynamic form builder with full Role-Based Access Control (RBAC).

### **KYC & Customer Onboarding Platform**

- Fixed major performance issues in a high-traffic KYC system supporting 1000+ concurrent users.
- Reduced unnecessary API calls by 78%, optimized NextAuth session management, and improved large data tables with virtualization and pagination.
- Cut average onboarding time from 12+ minutes to ~4 minutes and reduced dashboard load time from 18s to under 3s.
- Built fast admin reporting dashboards with real-time updates, charts, and export options.

### **Connect Infinity – OnePageCRM Single-Page Integration (Built from Scratch)**

- Led full project as Technical Project Manager and sole frontend developer; delivered production-ready app in 3 months.
- Developed complete frontend using Next.js, TypeScript, shadcn/ui, and Tailwind CSS.
- Implemented Role-Based Access Control (RBAC), dynamic form builder, and permission-based UI.

### **Key Contributions Across All Projects**

- Wrote clean, maintainable code with TypeScript, React, Next.js, Tailwind CSS, and shadcn/ui.
- Added unit and integration tests using Jest and React Testing Library (85%+ coverage).
- Mentored junior developers, reviewed 300+ pull requests, and helped team follow best practices.
- Converted non-technical requirements into clear technical tasks and documentation.
- Helped hire developers by creating tests and conducting technical interviews.
- Improved performance, accessibility, SEO, and code quality in every project.

### **Front-End Developer- Intern**

Cloudy Fox Technology / November, 2021 - February, 2022

- Built a responsive admin dashboard using React.js and Material-UI.
- Integrated REST APIs for seamless data handling and CRUD operations.

## **EDUCATION**

### **Bachelor in Software Engineering**

Nepal College of Information Technology / Balkumari, Lalitpur / November, 2016 - December, 2023