Aakash Acharya

Web/Mobile Full-Stack Developer

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Profiles

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Summary

Full-Stack Developer with 4+ years of experience architecting, building, and shipping web and mobile products with React.js, Next.js, TypeScript, and React Native, backed by Node.js, Express, NestJS, and PostgreSQL/MongoDB services. Proven track record of leading teams of frontend developers through the full lifecycle, from requirements and UI/UX to API design, performance tuning, and deployment, on products spanning global payroll and payments, multi-tenant SaaS, e-learning, and real-time platforms. Quick to pick up new stacks and turn shifting requirements into maintainable architecture, with depth in state management, SSR/SSG, WebSockets, design systems, and accessible, high-performance interfaces. Dedicated mentor, raising code quality through rigorous reviews and pragmatic engineering standards.

Experience

Jan 1, 2026 – Current

Niural | Sanepa, Lalitpur, Nepal
Software Engineer II – Frontend

- **Building end-to-end frontend features** for Niural Pay, the global payroll and payments product.
- **Owning payments flows** across payment runs, invoices, and vendor/contractor payouts, from requirement breakdown to production release.
- **Driving API contracts** with backend engineers and flow reviews with product and design before build starts.
- **Extending the design system** and shared component libraries used across applications.
- **Optimizing rendering performance** and bundle size, and owning test coverage for payments-critical flows.

Technologies: React, TypeScript, Tailwind CSS, Radix UI, Storybook, React Query, Jest, Cypress, RESTful APIs, Git.

May 1, 2024 – Dec 31, 2025

BlackTech Pvt. Ltd. | Zero Km, Pokhara, Nepal
ReactJS / NextJS Developer

- **Led and mentored a team of frontend developers** delivering scalable React.js, Next.js, and TypeScript applications for international clients, coaching them on advanced React patterns and Next.js SSR/SSG.
- **Owned features from kickoff to production** across scoping with clients, sprint planning, estimation, code review, and release.
- **Set architecture, state, and performance standards** and built the reusable component libraries behind them.
- **Engineered real-time features** with WebSockets, and cut load times with code-splitting and lazy loading.
- **Held the quality bar** through rigorous reviews, Jest / React Testing Library coverage, and WCAG-compliant interfaces.

Technologies: React.js, Next.js (SSR/SSG), Redux, Context API, TypeScript, WebSockets, Tailwind CSS, Jest, RESTful APIs, Git.

Jun 1, 2023 – Apr 30, 2024

Aarambha IT Research Center | Gairapatan, Pokhara, Nepal
MERN Stack Intern, then ReactJS / NextJS Developer

- **Joined as a MERN stack intern** and was promoted to full-time developer after two months.
- **Led and mentored a team of frontend developers** delivering client web applications in React.js and Next.js, through structured code reviews and pair programming.
- **Ran requirement gathering** with clients and stakeholders, plus task breakdown and delivery timelines.
- **Shipped SSR and SSG** in Next.js, improving SEO, time-to-first-byte, and Core Web Vitals.
- **Built RESTful APIs** with Express.js and MongoDB, secured with JWT and role-based access.

Technologies: React.js, Next.js, Redux, Context API, SSR/SSG, Node.js, Express.js, MongoDB, JWT, RESTful APIs, Agile.

Feb 1, 2023 – May 30, 2023

ClinchTech | Parsyang, Pokhara, Nepal
ReactJS / NextJS Intern

- **Translated wireframes** into accessible React/Next.js interfaces with designers and product owners.
- **Integrated RESTful APIs** into reusable components, tuning async data fetching with React Query.
- **Shipped responsive Tailwind CSS layouts** and introduced linting and unit tests (Jest, React Testing Library) in code review.

Technologies: React.js, Next.js, Tailwind CSS, React Query, REST APIs, Jest, React Testing Library, Git.

Education

Motherland Secondary School | 2019-2021
+2 Science

Informatics College Pokhara | 2022 - 2025
BSc. IT (Hons) Bachelor's Degree

Projects

Niural AI

- **Building accounts payable flows** across invoice capture, bill review, and multi-level approval routing.
- **Shipping crypto payments**, wallet funding, and Coinbase integration alongside multi-currency payouts.
- **Building customer and vendor management** with contract management and alignment.
- **Delivering AP dashboards** for aging invoices, cash flow, and vendor spend.
- **Working within the shared design system** so payroll, payments, and AP flows stay consistent.

Technologies: React, TypeScript, Tailwind CSS, Radix UI, Storybook, React Query, Jest, Cypress, RESTful APIs.

RestroX | Restaurant Management System

- **Led the frontend** for a multi-tenant platform spanning a product-owner admin panel, client admin panel, customer web app, and a shared design system.
- **Led and mentored a team of front-end developers**, owning task planning, sprint cycles, code quality, and reviews from requirements to production.
- **Built the UI in a Turborepo monorepo** with React, Next.js, TypeScript, and TailwindCSS, using Zustand and React Query for state and data.
- **Integrated real-time WebSocket updates** and payment gateways, with a focus on performance, accessibility, and cross-browser support.
- **Aligned API contracts**, component architecture, and user flows with backend engineers, designers, and QA.

Technologies: React, Next.js, TypeScript, TailwindCSS, Turborepo, React Query, Zustand, WebSockets, REST APIs, Paddle, NepalPay, Docker, Vercel.

Elevate Ed | MOOC / LMS platform

- **Designed and built the whole platform solo**, frontend and backend, from architecture to deployment.
- **Built REST APIs** with Express.js, Prisma, and PostgreSQL in Docker, with JWT authentication, role-based access, and session management.
- **Added encrypted video uploads** and HLS streaming with FFmpeg, plus adaptive playback and progress tracking through HLS.js.
- **Shipped real-time chat and notifications** over Socket.io, automated PDF certificates with Puppeteer and Handlebars, and Khalti payments with coupon support.
- **Built the client** in Next.js with TailwindCSS and shadcn/ui, Redux Toolkit and SWR for state and data, and NextAuth for authentication.

Technologies: Next.js, React, TypeScript, TailwindCSS, shadcn/ui, Redux Toolkit, SWR, NextAuth, Node.js, Express.js, Prisma, PostgreSQL, Socket.io, FFmpeg, Puppeteer, Docker, Khalti.

BlackTech Landing Page | Company landing page

- **Designed and built the company landing page solo** in Next.js with TailwindCSS and Framer Motion animations.
- **Optimized SEO, load times, and accessibility** with semantic markup, mobile-first layouts, and cross-browser testing.

Technologies: Next.js, TailwindCSS, Framer Motion.

More projects and experiments at aakashacharya.com.np

Skills

ReactJS	NextJS	React Native	TypeScript	Java
ExpressJS	Springboot	NestJS	PostgreSQL	MongoDB
Redis	Git	TailwindCSS	WebSockets	C#
ASP .Net	Linux	Radix UI	Storybook	

Languages

Nepali English Hindi