

# AMRIT POKHAREL

## Frontend Engineer

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## SUMMARY

- Frontend-focused developer with over 3.5 years of hands-on experience building high-performance, scalable web applications using React, Next.js, Astro, and SvelteKit as primary expertise.
- De-facto Frontend Engineer at Hridayangam Technology — independently managing client products end-to-end, from client discovery and sprint planning through to server provisioning and post-launch maintenance.
- Delivered complex full-stack products including a large-scale e-commerce platform, a multi-mode auction system (government tendering + public/private), an event management platform, a Shopify Hydrogen headless storefront, and a Strapi-powered multi-language news portal.
- Proficient in TypeScript, GraphQL, and REST APIs; capable of integrating and consuming both Node.js and Python backend APIs, with hands-on experience building Node.js/Express services and working knowledge of Python — stepping into full-stack ownership with Node.js, Express, and Prisma when the project demands it.
- Experienced with DevOps workflows: Ubuntu VPS, Docker, Nginx, Cloudflare (DNS, Workers, Pages, Wrangler), and Vercel — managing infrastructure independently.
- Proficient in AI-assisted development workflows — configuring MCP servers, engineering precise prompts, and using Cursor IDE with Figma and GitHub integrations to dramatically accelerate design-to-code delivery and project setup.

## TECHNICAL SKILLS

Languages & Frameworks	JavaScript (ES2022+), TypeScript, HTML5, CSS3/Sass, React.js, Next.js, SvelteKit, Astro, Hydrogen (Shopify), Node.js, Express.js
UI & Styling	Tailwind CSS, ShadCN UI, Material-UI, FlowBite, Bootstrap, Framer Motion
State Management	Zustand, Redux Toolkit, Context API, React Hook Form + Zod / Yup
APIs & Data	REST, GraphQL, Apollo Client, TanStack Query, Axios, Strapi CMS
Backend (Occasional)	Node.js, Express.js, Prisma ORM, PostgreSQL
Cloud & DevOps	Docker, Ubuntu VPS, Nginx, Cloudflare (DNS, Workers, Pages, Wrangler), Vercel, GoDaddy, GitHub Actions
Auth & Security	Firebase Auth, NextAuth, JWT, RBAC, Broadcast Channel API (global logout)
Testing & Quality	Jest, Vitest, React Testing Library, Playwright (E2E), Cross-Browser QA
Tooling	Git, GitHub, Figma, Storybook, Postman, Apidog, Swagger, Webpack, Wrangler
AI & Dev Productivity	Cursor IDE (Figma + GitHub MCP integration), MCP server setup & configuration, prompt engineering, AI-assisted code generation, design-to-code automation
Architecture & Practices	Clean Architecture, Mono-Repo Management, Agile/Scrum, Sprint Planning, Project Estimation, Pixel-Perfect UI
Languages	English (Fluent), Nepali (Native), Hindi (Understandable)

## WORK EXPERIENCE

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### Frontend Engineer

Jul 2024 – Present

*Hridayangam Technology Pvt. Ltd. | Sanepa, Lalitpur*

- Independently managing the end-to-end lifecycle of client products, including client discovery calls, sprint planning, task assignment, QA coordination, and deployment.
- Built a scalable white-label platform supporting E-commerce, Blog, News, and Auction verticals — each fully customizable per client, using React, Astro, Tailwind CSS, and ShadCN UI.
- Delivered a full-featured E-commerce platform — customer storefront, vendor portal, and super-admin dashboard with granular role-based access control (RBAC).
- Developed a Shopify Hydrogen (React) storefront integrated with the Storefront API, hosted on Shopify Oxygen — handling all frontend-to-backend integration for a seamless headless commerce experience.
- Built a public event management platform: event creation, time-slot allocation, destination publishing, and social sharing with public/private visibility controls.
- Created a multi-mode auction application supporting government timber tendering, private sealed bids, and open public auctions — with real-time bidding logic and role-controlled dashboards.
- Developed a Strapi-backed news and blogging platform enabling multi-author publishing, article categorization, and SEO-optimized Nepali/English content delivery.
- Manages Ubuntu VPS infrastructure: configures Nginx/Docker containers, provisions subdomains via Cloudflare, deploys static assets with Wrangler, and handles domain management on GoDaddy.
- Maintains core shared repositories (auth, location services, ShadCN component library) to accelerate onboarding and enforce consistency across projects.
- Partially adopted Clean Architecture principles — separating domain logic, data access, and UI layers — to ensure long-term maintainability and testability across large codebases.
- Designs UI mockups in Figma, produces pixel-perfect implementations, provides project estimates, and mentors junior UI developers and QA engineers.
- Integrates both REST and GraphQL APIs; handles error states, loading strategies, and caching with TanStack Query and Apollo Client.
- Leverages AI-assisted development workflows using Cursor IDE — connecting Figma and GitHub via MCP servers to streamline design handoff, automate repetitive scaffolding, and accelerate feature delivery through precise prompt engineering.

### Frontend Developer

Apr 2023 – Jun 2024

*Xenon Technology | New Baneshwor, Kathmandu*

- Built a service marketplace platform where providers (plumbers, electricians, etc.) can list services, clients post service requests, and both parties negotiate terms, timelines, and pricing — with end-to-end booking and status tracking.
- Led migration of legacy React.js projects to Next.js, adopting SSR/ISR and the App Router to significantly improve UX, SEO, and overall page performance.
- Engineered web applications using React.js, Next.js, and SvelteKit; continuously evaluated and integrated newer libraries to improve developer experience and software quality.
- Applied Context API and dedicated state libraries (Zustand, Redux) for complex state management; used React Hook Form with Zod and Yup resolvers for robust form validation.
- Utilized Native Fetch, Axios, and TanStack Query for versatile data operations — covering caching, background refetching, and optimistic updates.
- Improved UX with Next.js App Router and responsive routing across devices; collaborated on API testing using Postman, Apidog, and Swagger with structured error-handling patterns.

### Frontend Developer Intern

Nov 2022 – Apr 2023

*Web Experts Nepal | Satdobato, Lalitpur*

- Developed and maintained client websites using WordPress, HTML5, CSS3/Sass, JavaScript, and jQuery, converting PSD, Zeplin, and Figma designs into responsive, pixel-perfect layouts.
- Wrote clean, reusable, SEO-friendly, and mobile-responsive code, maintained shared component libraries for faster delivery, and ensured quality through cross-browser compatibility testing using Bootstrap and other front-end libraries.

## Technical Support Executive

Nov 2021 – Feb 2022

*Vianet Communications | Jawalakhel, Lalitpur*

- Troubleshoot and resolved client network issues; performed system configuration, firmware upgrades, and parameter adjustments for ISP network equipment.

## PROJECTS

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### SvelteKit Chrome Extension Boilerplate

- Open-source template for building browser extensions effortlessly using SvelteKit, TypeScript, Tailwind CSS, and SSR — reducing extension setup from days to minutes.

### Next.js Redux Sync Thunk Auth Boilerplate

- Feature-rich boilerplate integrating authentication, internationalization (i18n), async data handling, and Redux state management with external API interaction.
- Implements cookie-based storage, dynamic no-SSR rendering to prevent hydration mismatches, and secure global logout across multiple tabs via the Broadcast Channel API.

### White-Label SaaS Platform

- Reusable multi-tenant architecture deployed for e-commerce, news portals, and auction sites with per-client theming and multi-language SEO — built with React, Astro, ShadCN, and Firebase Auth.

### Full-Feature E-Commerce Platform

- Large-scale marketplace with customer storefront, vendor portal, and super-admin panel; complex product catalogue, order pipeline, and role-based access — built with Next.js, TypeScript, and GraphQL.

### Multi-Mode Auction Application

- Government timber tendering, private sealed-bid, and open public auction modes with real-time bidding logic and admin oversight — built with React, Node.js, WebSocket, and Docker.

### Shopify Hydrogen Storefront

- Headless commerce storefront with custom UI and seamless cart/checkout flows — built with Hydrogen (React) and Storefront API, hosted on Shopify Oxygen.

### Service Marketplace Platform

- Platform connecting service providers (plumbers, electricians, etc.) with clients — featuring service listings, client-posted requests, and provider-client negotiation flows built with Next.js and SvelteKit.

## EDUCATION

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### Bachelor of Computer Science & Technology

2020

*Sagarmatha College of Science & Technology | Sanepa, Kathmandu*