

Aman Rai

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PROFESSIONAL SUMMARY

Frontend Web Engineer specializing in interactive UI development with modern JavaScript frameworks and animation libraries. Proficient in building responsive single-page applications using Vue 3, Tailwind CSS, and performance-optimized component architectures. Experienced in implementing engaging user experiences through GSAP animations, smooth page transitions, and thoughtful interaction design. Multilingual professional (English, Japanese JLPT N2, Hindi, Nepali) with strong cross-cultural communication skills in Japanese business environments. Passionate about creating accessible, performant web interfaces that balance visual appeal with usability and maintainability.

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), HTML5, CSS3, TypeScript (learning)

Frameworks & Libraries: Vue 3 (Composition API), Vue Router, Vue I18n, Nuxt.js (learning), GSAP, ScrollTrigger, Lottie

Styling & UI Technologies: Tailwind CSS, CSS Grid, Flexbox, Responsive Design, Dark/Light Theming

Development Tools: Vite, Git, GitHub, VS Code, npm, Chrome DevTools, Figma (basic)

Web Development Concepts: SPA Architecture, Component-Based Design, RESTful APIs, JSON, DOM Manipulation

Performance & Optimization: Lazy Loading, Code Splitting, Asset Optimization, Production Builds, Web Vitals, Lighthouse

Deployment & DevOps: Netlify (CDN, HTTPS, Auto-deployment), Git-based CI/CD, Production Monitoring, Build Optimization

Languages: English (Advanced - TOEIC 860), Japanese (JLPT N2 - Business Level), Hindi (Native), Nepali (Native)

PROFESSIONAL EXPERIENCE

Frontend Web Developer

Sep 2025 – Present

Personal Portfolio Projects

Tokyo, Japan

- Architected and developed responsive portfolio SPA using Vue 3 Composition API, Vite, and Tailwind CSS with full mobile-first responsive design achieving 100% compatibility across modern browsers (Chrome, Firefox, Safari, Edge)
- Implemented bilingual internationalization system using Vue I18n with dynamic language switching between English and Japanese, maintaining user preferences via localStorage for seamless experience across sessions
- Engineered sophisticated animation systems integrating GSAP, ScrollTrigger, and Lottie animations including custom intro loader, page transition effects, scroll-triggered animations, and animated scroll progress indicator
- Built reusable component architecture with modular section-based landing page design, implementing Vue Router for smooth navigation with custom scroll behavior and programmatic route transitions
- Developed persistent dark/light theme system with localStorage integration, ensuring theme preference retention and smooth transitions without layout shifts or visual flickers
- Optimized production builds using Vite's tree-shaking, bundle minimization, and asset optimization achieving Lighthouse scores of 95+ for Performance, Accessibility, and Best Practices with under 2-second initial load times
- Deployed and maintained live production application on Netlify with Git-based automatic deployment workflow, utilizing CDN distribution, HTTPS hosting, and managed automated build pipeline ensuring reliable production availability

Caregiver

Jun 2022 – Present

NICHII CAREPALACE COMPANY / Kibono Sato

Tokyo, Japan

- Provide daily care services to 20+ elderly residents with meticulous attention to detail, time management, and adaptability in high-pressure healthcare environment requiring consistent reliability and emotional intelligence
- Collaborate effectively with multidisciplinary teams of 15+ healthcare professionals in Japanese-speaking workplace, participating in daily briefings and care coordination meetings demonstrating strong cross-cultural communication skills
- Maintain accurate digital documentation in internal care management systems with strict attention to data integrity, privacy compliance, and systematic record-keeping for 50+ daily interactions
- Train and mentor new team members on procedures and safety protocols, improving onboarding efficiency by approximately 30% through clear communication and hands-on guidance
- Consistently receive positive feedback from families and supervisors for cultural sensitivity, professional demeanor, and effective problem-solving in diverse resident care situations

TECHNICAL PROJECTS

Interactive Portfolio Website | *Vue 3, Vite, Tailwind CSS, GSAP, Vue I18n, Netlify*

- Developed fully responsive bilingual SPA showcasing frontend projects with Vue 3 Composition API, implementing dynamic routing, smooth scroll animations, and persistent user preferences for theme and language
- Integrated GSAP and ScrollTrigger for sophisticated scroll-based animations, custom page transitions, intro loader sequence, and animated scroll progress indicator enhancing user engagement
- Built modular component architecture with reusable Vue components following single responsibility principle, ensuring maintainability and scalability for future feature additions
- Implemented comprehensive internationalization supporting English and Japanese with Vue I18n, including fallback handling and dynamic content switching without page reloads
- Optimized production builds through Vite's asset bundling, code splitting, and tree-shaking resulting in minimal bundle sizes and fast page load performance
- Deployed on Netlify with Git-based automatic deployment pipeline, HTTPS hosting, global CDN distribution, and managed automated build process ensuring reliable production availability

Reusable Component Library | *Vue 3, Tailwind CSS, Vite*

- Created collection of 15+ production-ready UI components including buttons, cards, modals, navigation elements, and form inputs with consistent design system and accessibility considerations
- Documented component APIs with clear props, events, slots, and usage examples demonstrating various configuration options and edge cases

EDUCATION

Punjab Technical University

Bachelor of Science in Animation and Film Making

Jun 2011 – Jun 2014

Punjab, India

- Relevant Coursework: Digital Media Production, Visual Design Principles, Motion Graphics, Video Editing, Adobe Creative Suite

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

freeCodeCamp Responsive Web Design Certification: Completed 300-hour developer certification covering HTML5, CSS3, Flexbox, CSS Grid, responsive design principles, and accessibility best practices (September 2025)

Japanese Language Proficiency Test (JLPT) N2: Business-level Japanese proficiency certification validating ability to work effectively in Japanese corporate environments

TOEIC Score: 860 (Working Proficiency Plus): Advanced English proficiency demonstrating ability to communicate effectively in complex international business environments and technical discussions

Continuous Learning & Growth Roadmap: Currently expanding frontend expertise into server-side rendering and type-safe development. Actively learning Nuxt.js for SSR and hybrid rendering architectures, and studying TypeScript to improve code reliability, maintainability, and scalability. Planning to integrate these technologies into future production projects while deepening knowledge of modern frontend development patterns and best practices.