

Ian Hyun Kyu Lee | FRONT-END DEVELOPER

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TECHNICAL SKILLS

LANGUAGES	JavaScript, TypeScript (Primary) C#, C++, C, Python (Additional)	DEPLOYMENT & CLOUD	Vercel, Render
FRONT-END	Next.js, React.js, Astro, HTML/CSS, Tailwind CSS, Framer Motion, GSAP	BACK-END	Node.js, Express.js , Supabase
DATABASE & ORM	PostgreSQL, MongoDB, Prisma	OTHER TOOLS	Git, Github, Figma, Jest

WORK EXPERIENCE

FREELANCE WEB DEVELOPER | Nichte Snacks ([Live](#) · [GitHub](#)) | May 2024 - Present

- Built a full marketing website for a superfood snack brand, covering Home, About, Product, FAQ, Gallery, and Contact pages.
- Implemented responsive UI and a contact form-to-email flow using Next.js, TypeScript, Tailwind CSS, and Framer Motion; deployed on Vercel.
- Improved accessibility and UX through semantic HTML, descriptive link text, and sufficient color contrast.
- Result: Lighthouse scores — Performance 100 (Desktop) / 84 (Mobile), Accessibility 96, Best Practices 100, SEO 100.

FREELANCE WEB DEVELOPER | TEZUKURI-VAN ([Live](#) · [GitHub](#)) | Jan 2025 - Nov 2025

- Developed a real client marketing website for handmade goods with Next.js, TypeScript, and Tailwind, using Supabase (auth, DB, storage) and RLS for secure admin.
- Implemented an admin dashboard with CRUD for Home, Products, Events, and About, enabling content updates without code changes.
- Set up Contact API (Nodemailer/Resend) and used Framer Motion and Swiper for UI and sliders.
- Achieved Lighthouse 97+ scores (Performance 97, Accessibility/SEO/Best Practices 100), demonstrating optimized performance and accessibility standards.

PROJECT EXPERIENCE

Jobflow - Job Searching Dashboard Application Created in June 2025

Jobflow is a full-stack job tracking and management application, designed to help users organize and monitor their job applications across different stages of the hiring process. The project was built from scratch using modern web technologies, focusing on scalable architecture, secure authentication, and a data-driven dashboard for practical, real-world use.

- Built a full-stack job tracking application using Next.js 15 and TypeScript with App Router architecture
- Implemented job management system with status workflow, filtering, and archive functionality using Prisma ORM and PostgreSQL
- Developed secure authentication system using NextAuth.js with GitHub OAuth and JWT sessions
- Created interactive analytics dashboard with real-time statistics and data visualizations using Chart.js
- Deployed application on Vercel with Render PostgreSQL, ensuring scalable backend infrastructure and responsive design

Key technologies	TypeScript, Next.js, TailwindCSS, Zustand	Github	Deployed
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PlayToon - Interactive Webtoon Viewer Application Created in Oct 2025

An interactive webtoon viewer application that enhances the reading experience for webtoon platforms. Leverages modern web technologies and animation libraries to deliver an immersive reading experience.

- Built a full-stack web application using Next.js and Typescript, ensuring type safety and maintainable code architecture
- Implemented various experimental animation effects using GSAP and Canvas API for dynamic visual storytelling
- Developed multiple reading modes (Normal, Scroll, Animating) to accommodate diverse user preferences and reading styles
- Designed mobile-first responsive UI with commercial webtoon app inspired navigation patterns, optimizing for touch interactions
- Integrated Supabase for backend service including real-time database management and secure cloud storage for image assets

Key technologies	React, Next.js, TypeScript, GSAP, TailwindCSS, Supabase	Github	Deployed
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ManageSmartr - Final Team Project Created in Dec 2025

An order and delivery management platform developed for a real Canadian construction and manufacturing company, streamlining steel wall project workflows across administrators, clients, and employees.

Project Overview

- Built a full-stack web application with Next.js and TypeScript, using the App Router and structured API routes for type safety and maintainable architecture
- Implemented role-based authentication and route protection with JWT middleware and Supabase, supporting Admin, Client, and Employee (Sales, Manufacturer, Driver) access control
- Developed role-specific modules: Admin dashboard with Recharts, Client Kanban board with @dnd-kit, and Employee views for manufacturing and delivery status updates
- Designed mobile-first, responsive UI with Tailwind CSS and Radix UI, following commercial app patterns and touch-friendly navigation for manufacturer and driver workflows

My Contribution

- Employee portal (Sales, Manufacturer, Driver): order/delivery views, status updates with notes, search, PDF viewer; notes in order logs
- Login & Public Track Orders: JWT login, middleware, role-based redirects; public order lookup by ID and login CTA
- Account (info & edit), New Project (create form, validation, API), and other pages: UI/design work across Admin and Client (layouts, forms, responsive)

See portfolio for details.

Key technologies	React, Next.js, TypeScript, Tailwind CSS, Shadcn UI, Node.js, Supabase, JWT, SMTP2Go	Portfolio
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RELEVANT EDUCATION	
WEB DEVELOPMENT	CICCC January 2026
GAME & WEB DEVELOPMENT	ITD Canada October 2024
GAME & WEB DEVELOPMENT	VFS June 2017