

Kaoru Tsumita

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SUMMARY

Full Stack Software Developer focused on building intuitive, user-friendly web applications. Experienced in end-to-end development with TypeScript, React, Next.js, and Node.js. Passionate about bridging the gap between technology and people through thoughtful, accessible, and scalable design. Former IT analyst with a background in system integration and cross-functional collaboration, bringing a strong foundation for secure and user-centered development

TECHNICAL SKILLS

Proficient with: JavaScript (ES6), TypeScript, React, Next.js, Node.js, Express.js, PostgreSQL, MongoDB, Git
Working knowledge of: AWS (S3, Lambda, API Gateway), Google Cloud Storage, Tailwind CSS, Python, OAuth, JWT, Prisma, Zod, Vitest, Cypress, Pytest, REST APIs, Agile, accessibility, SEO, Figma

EXPERIENCE

Software Developer

Sep 2023 – Present

Freelance - TypeScript, Next.js, NextAuth, Tailwind CSS, MongoDB, Prisma, Zod

Remote - Toronto

- Designed and developed custom CMS with responsive frontend and REST API backend
- Secured admin dashboard with authentication using NextAuth and middleware-based route protection
- Delivered rich UX with image zoom, dynamic gallery, chip filters, smooth animations, and infinite scroll
- Improved performance and accessibility with SSR, Lighthouse audits, and screen reader testing (**30%** faster)
- Set up CI/CD pipelines with GitHub Actions; tested with Vitest and Cypress, and added automated S3 backups and monitoring with Sentry — saving **70%** of operation time

Software Developer

March 2023 – Aug 2023

multiplAI - Python, Flask, pytest, AWS(S3, EC2, Lambda, RDS, API Gateway, ElastiCache)

Remote - Toronto

- Developed REST API with Python and Flask on AWS Lambda (serverless framework), tested with pytest and API mocks with over **90%** coverage
- Implemented ElastiCache deduplication for cron-based data processing, integrated with ML models and scraping pipeline running on EC2
- Collaborated cross-functionally to prioritize features and drive product-aligned enhancements

IT Analyst

June 2014 – May 2018

Tokyo University of Science - Salesforce, box, JavaScript, PHP, MySQL

Tokyo, Japan

- Reduced internal approval processing **from days to less than 10 minutes** minutes by digitizing workflows with JavaScript and automating validation
- Implemented SSO across Azure, Salesforce, and Box using SAML 2.0, enabling seamless cross-system login and reducing average login time **by 67%**
- Coordinated with vendors and customized an account automation system, enabling automation for 25,000+ users and reducing maintenance workload by **by 85%**

PROJECTS

Dokodemo Card | [Live Demo](#) | [Client Repo](#) | [Sever Repo](#)

August 2024

React, Node.js, Express, Styled-components, PostgreSQL, Auth0 (OAuth 2.0 / OIDC), Vercel, Fly.io

Toronto

Little Libraries | [Live Demo](#) | [Client Repo](#) | [Sever Repo](#)

November 2022

React, Node.js, Express, PostgreSQL, JWT, Google Maps API, Firebase Cloud Storage, Netlify, Fly.io

Toronto

CERTIFICATIONS

AWS Certified Cloud Practitioner - Amazon Web Services (AWS)

June 2023

Certified Linux Administrator LPIC-1 - Linux Professional Institute

June 2021

EDUCATION

Lighthouse Labs, Full stack web development

January 2022

Diploma of Web Development

Toronto

Nihon Engineering College

Diploma Concert and Event Production

Tokyo, Japan