

# Kaoru Tsumita

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## PROFICIENCIES

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**Working Knowledge:** JavaScript(ES6), Node, React, Next.js, SQL, PostgreSQL, MySQL, Tailwind CSS, Styled-components, HTML5, CSS3, git, GitHub

**Exposed To:** TypeScript, PHP, Python, Flask, AWS(EC2, Lambda, S3, API Gateway, ElastiCache), Linux(Ubuntu), Google Cloud Platform, NoSQL, MongoDB, Mocha and Chai, Jest, Cypress, pytest, Figma, Agile, Accessibility, SEO

## EXPERIENCE

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### Software Engineer

Sep 2023 – Present

*Freelance* - TypeScript, Next.js, Tailwind CSS

*Remote* - Toronto, Canada

- Provided iterative designs with Figma to re-develop client site to clean, responsive and dynamic site built with TypeScript, Next.js and Tailwind CSS, with easily maintainable code and reusable components
- Optimized site efficiency through custom lazy-loading, and careful benchmarking of performance, reducing load times **by 30%**
- Enhanced web applications by applying SEO principles and accessibility best practices with Lighthouse and WAVE, and ensuring screen reader compatibility through manual testing

### Software Engineer

March 2023 – Aug 2023

*multplAI* - Python, Flask, pytest, AWS(EC2, Lambda, S3, API Gateway, ElastiCache)

*Remote* - Toronto, Canada

- Developed RestAPI using Python and Flask, leveraging AWS Lambda through the serverless framework
- Automated data extraction with cron jobs using a Python-based web scraping script deployed alongside job-resume matching ML models on EC2
- Proactive collaboration with cross-functional teams to strategically prioritize feature development and enhancements aligned with business objectives

### Web Developer

October 2019 – March 2020

*Connexions* - MySQL, PHP, Linux(Ubuntu)

*Toronto, Canada*

- Analyzed legacy PHP codebase, troubleshooting issues, and providing effective solutions
- Maintained data on MySQL, determining and purging unnecessary and obsolete parts of database

### IT Analyst

June 2014 – May 2018

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

*Tokyo, Japan*

- Customized and implemented system automation and access management to maintain **25,000 internal user accounts**, reducing the maintenance workload **by 85%**
- Significantly improved user experience, reduced average cross-system login time from 90 seconds to 30 seconds by implementing in-house Single Sign On (SSO), supporting seamless login for three cloud system (Azure, Salesforce, Box), saving users an aggregate of **100 hrs/day**

## PROJECTS

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

August 2024

*React, Node, Express, PostgreSQL, Auth0, Vercel, Fly.io*

*Toronto, Canada*

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

November 2022

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

*Toronto, Canada*

## CERTIFICATIONS

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**AWS Certified Cloud Practitioner - Amazon Web Services (AWS)**

June 2023

**Certified Linux Administrator LPIC-1 - Linux Professional Institute**

June 2021

## EDUCATION

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**Lighthouse Labs, Full stack web development**

October 2021 – January 2022

*Diploma of Web Development*

*Toronto, Canada*

**Nihon Engineering College**

*Diploma Concert and Event Production*

*Tokyo, Japan*