

# Suleyman Kiani

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## EDUCATION

### McMaster University

*Bachelor of Applied Science in Computer Science CO-OP*

Hamilton, ON

Sep. 2018 – Nov 2024

## EXPERIENCE

### Software & IT Systems Dev

Aug. 2024 – Present

*Burlington Training Centre*

*Burlington, ON*

- Built scalable mobile and web applications utilizing **React Native**, **Swift**, **Kotlin**, **Java**, **Typescript**, and **Ruby on Rails** to enhance deployment processes with **Kubernetes**, achieving a **40%** decrease in release cycle times and enhanced system availability.
- Optimized end-to-end **CI/CD** workflows for mobile and web applications with **GitHub Actions**, **Jenkins**, and **Swift**, integrating automated testing, code quality checks, and seamless rollouts across diverse environments.
- Utilized **Terraform** to provision and manage AWS resources for mobile and web applications, enhancing provisioning processes for **Swift**, **Kotlin**, **Java**, **Typescript**, and **Ruby on Rails** components to boost scalability and ensure consistency.
- Implemented monitoring solutions for mobile and web applications with **Prometheus**, **Grafana**, and custom dashboards, enabling proactive performance monitoring, rapid incident response, and a **50%** reduction in system downtime.

### Junior Web Developer

May 2021 – Aug 2022

*Giftcash Inc.*

*Remote*

- Led the migration of a legacy **Python/Django** monolith to a **Node.js** serverless microservices architecture, achieving a **15%** increase in scalability, showcasing adaptability to new technologies like Node.js and microservices, aligning with experience in SaaS development.
- Showcased expertise in database optimization by optimizing **PostgreSQL** performance through indexing, caching, and query optimization, reducing response times by **20%** and enhancing data retrieval efficiency under high loads, aligning with experience in database optimization for large-scale systems and SaaS products.
- Automated gift card balance verifications across multiple platforms by developing efficient data extraction workflows using **Puppeteer** and **Axios** in an Agile environment, increasing operational efficiency by **25%** and demonstrating proficiency in Agile processes, aligning with experience in SaaS development.
- Implemented efficient **CI/CD** pipelines with **Jenkins** and **GitHub Actions** to enable rapid, automated development cycles and seamless deployments across environments, aligning with experience in working with distributed teams, SaaS products, and large-scale systems.

## PROJECTS

### E&S Solutions | *Next.js, React, AWS, Docker, GitHub Actions*

May 2023 – Present

- Co-founded a software services venture delivering cloud-native, full-stack solutions for small businesses.
- Developed multiple scalable **TypeScript**-based applications using **Next.js** and **React**, deploying them on **AWS (EC2, S3, CloudFront)** and **Vercel** to achieve sub-second page loads, minimal latency, and availability.
- Automated complex data workflows using **Bash**, **Python**, and **Docker**, significantly reducing manual aggregation efforts by **80%**, enhancing error handling and logging, and accelerating data-driven decision-making.

### SKompXcel Academic Solutions | *Google Cloud, React, Python*

Jan 2024 – Present

- Founded a tutoring and mentorship platform for Computer Science and Software Engineering **20+** students.
- Architected the platform on **Google Cloud** (Compute Engine, Cloud Storage) for scalable hosting.

### Suley Fitness Portfolio | *Next.js, Tailwind CSS, React, Spotify API, Instagram API*

2023 – Present

- Developed a personal portfolio consolidating a blog, Spotify viewer, and Instagram viewer using **Next.js** and **Tailwind CSS**, showcasing my journey as a Developer, Personal Trainer, Tutor, and Martial Arts Instructor.
- Integrated external APIs with secure **OAuth 2.0** to fetch real-time data; view the blog at [suleyman.io/articles](https://suleyman.io/articles), the Spotify viewer at [suleyman.io/spotify](https://suleyman.io/spotify), and the Instagram viewer at [suleyman.io/insta](https://suleyman.io/insta).

### Load Balancer System | *Python, Sockets, Multi-threading, Logging*

2023

- Implemented a multi-threaded load balancer in **Python** to efficiently distribute incoming client requests across multiple backend servers using both **Round-Robin** and **Least Connections** strategies.
- Engineered robust fault tolerance and real-time health monitoring, automatically detecting server failures and reintegrating recovered servers to maintain high availability.

## TECHNICAL SKILLS

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**Languages & Scripting:** Python, JavaScript, TypeScript, Java, Bash, PowerShell

**DevOps Tools:** Git, Docker, Kubernetes, GitHub Actions, Terraform, Jenkins, Ansible

**Cloud & Databases:** AWS (EC2, S3, CloudFront, RDS, Lambda, EKS), GCP, PostgreSQL, MongoDB

**Monitoring & Automation:** Prometheus, Grafana, ELK Stack, Nagios, Selenium