

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

- Containerized critical applications with **Docker** and orchestrated multi-environment deployments using **Kubernetes**, reducing release cycle times by **40%** and ensuring high system availability.
- Automated end-to-end **CI/CD** workflows with **GitHub Actions** and **Jenkins**, integrating automated testing, code quality checks, and seamless rollouts across staging and production environments.
- Implemented robust **Infrastructure as Code** using **Terraform** to provision and manage AWS resources (**EC2**, **S3**, **RDS**, **SNS**), significantly reducing manual provisioning overhead while enhancing scalability and consistency.
- Configured comprehensive monitoring solutions with **Prometheus** and custom **Grafana** dashboards, enabling proactive performance tracking, rapid incident response, and a **50%** reduction in system downtime.

Junior Web Developer

May 2021 – Aug 2022

Giftcash Inc.

Remote

- Migrated a legacy **Python/Django** monolith to a **Node.js** serverless microservices architecture, achieving a **15%** increase in scalability while reducing infrastructure overhead and enabling cost-effective elastic scaling.
- Optimized **PostgreSQL** performance through strategic indexing, caching, and query optimization, reducing average response times by **20%** and enhancing data retrieval efficiency under high loads.
- Implemented robust data extraction workflows using **Puppeteer** and **Axios** in an Agile environment, automating gift card balance verifications across multiple provider platforms and boosting operational efficiency by **25%**.
- Established streamlined **CI/CD** pipelines with **Jenkins** and **GitHub Actions**, ensuring rapid, automated development cycles and seamless deployments across staging and production environments.

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, the Spotify viewer at suleyman.io/spotify, and the Instagram viewer at 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

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