

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

- Developed and implemented scalable web applications using front-end and back-end technologies like **React**, **Angular**, and **Node.js** on the **Azure** platform, optimizing business operations for a **20%** efficiency boost.
- Implemented **Docker** and **Terraform** for containerization and infrastructure as code, ensuring seamless multi-environment deployments and reducing manual provisioning overhead on the **Azure AI Platform**.
- Enhanced revenue streams by integrating payment systems like **Square** and **Chargify** into the platform, automating billing workflows, and providing real-time transaction insights on the **Azure AI Platform**.
- Streamlined customer feedback processes by automating personalized review requests with **AWS Lambda** and **RDS**, enhancing feedback rates by **30%** through targeted notifications and efficient data collection on the **Azure AI Platform**.

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, resulting in a **15%** increase in scalability, reduced infrastructure overhead, and cost-effective scaling in production, aligning with cloud-based solutions on the **Azure** platform.
- Improved **PostgreSQL** performance through indexing, caching, and query optimization, reducing response time by **20%**, showcasing expertise in database management with SQL systems.
- Implemented **Agile** data extraction workflows using **Puppeteer** and **Axios** to automate gift card balance verifications, boosting operational efficiency by **25%** and demonstrating proficiency in AI integration and automation.
- Set up **Jenkins** and **GitHub Actions** CI/CD pipelines for efficient development and deployments, aligning with DevOps practices and continuous improvement initiatives.

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.
- Configured CI/CD pipelines with **GitHub Actions** and **Docker** to ensure rapid, reliable releases.

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.
- Developed a **React** frontend with integrated scheduling and booking workflows to reduce administrative overhead.
- Leveraged **Python** for data reporting and performance tracking, increasing student success rates by **80%**.

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.

Safety Net Crime Mapping | *Java, OpenCSV, LocationIQ API, Dijkstra's Algorithm*

2023

- Developed a data-intensive **Java** application analyzing and visualizing over **4M+** NYPD arrest records, enabling user queries, borough-level crime filtering and real-time safety insights for tourists and real estate investors.
- Implemented **Dijkstra's Algorithm** for real-time crime-weighted pathfinding, reducing geocoding lookup **40%**.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, Ruby, HTML, CSS

Frameworks: React, Next.js, Node.js, Flask, Django, AngularJS, Vue.js, Tailwind CSS

Developer Tools: Git, Docker, Kubernetes, GitHub Actions, Terraform, Redis, SQLServer, SASS

Cloud & Databases: Azure, AWS (EC2, S3, CloudFront, RDS), Google Cloud Platform, PostgreSQL, MongoDB, MySQL, Cassandra

APIs & Integration: RESTful APIs, GraphQL, AI Integration, Azure API Management