Suleyman Kiani

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EDUCATION

McMaster University	Hamilton, ON
Bachelor of Applied Science in Computer Science CO-OP	*Sep. 2018 – Nov 2024*

EXPERIENCE

Software & IT Systems Dev — Aug. 2024 – Present
Burlington Training Centre — *Burlington, ON*

- Designed and deployed scalable web applications using **AngularJS**, **Java**, and **Spring Boot** on **Azure**, enhancing operational efficiency by **20%**.
- Utilized **Docker** and **Terraform** for containerization and infrastructure as code to streamline multi-environment deployments and minimize manual provisioning on **Azure**.
- Boosted revenue by integrating **Square** and **Chargify** payment systems, automating billing workflows, and offering real-time transaction insights on **Azure**.
- Automated personalized review requests with **AWS Lambda** and **RDS** to improve feedback rates by **30%** through targeted notifications and data collection on **Azure**.

Junior Web Developer — May 2021 – Aug 2022
Giftcash Inc. — *Remote*

- Managed the migration of a legacy **Python**/**Django** monolith to a **Node.js** serverless microservices architecture, achieving a **15%** increase in scalability, reduced infrastructure overhead, and cost-effective scaling in production, aligning with cloud-based solutions on the **Azure** platform, showcasing expertise in cloud technologies and microservices architecture.
- Enhanced **PostgreSQL** performance through indexing, caching, and query optimization, resulting in a **20%** reduction in response time, demonstrating strong skills in database management with SQL systems and query optimization.
- Developed Agile data extraction workflows utilizing **Puppeteer** and **Axios** for automating gift card balance verifications, enhancing operational efficiency by **25%**, showcasing proficiency in AI integration, automation, and Agile methodologies.
- Established **Jenkins** and **GitHub Actions** CI/CD pipelines to streamline development and deployments, in alignment with DevOps practices and continuous improvement initiatives, demonstrating expertise in CI/CD pipelines and DevOps methodologies.

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, SQL
Frameworks: AngularJS, Spring Boot, React, Next.js, Node.js
Developer Tools: Git, Docker, Kubernetes, GitHub Actions, Terraform
Cloud & Databases: AWS (EC2, S3, CloudFront, RDS), Azure, Google Cloud Platform, PostgreSQL, MongoDB
APIs & Integration: RESTful APIs, Microservices Architecture, GraphQL