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*

- Utilized **Docker** and **Kubernetes** to containerize critical applications, reducing release cycle times by **40%** and ensuring high system availability, showcasing proficiency in modern DevOps tools like K8s.
- Automated **CI/CD** workflows with **GitHub Actions** and **Jenkins**, integrating testing and code quality checks, aligning with the need for automation skills in the modern tech stack.
- Implemented **Infrastructure as Code** with **Terraform** to manage AWS resources, reducing manual provisioning overhead and enhancing scalability, aligning with the need for AWS proficiency.
- Configured monitoring solutions with **Prometheus** and **Grafana** dashboards, enabling proactive performance tracking and rapid incident response, showcasing expertise in monitoring tools like Grafana.

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

- Transformed a legacy system to a modern **Node.js** serverless microservices architecture, enhancing scalability by **15%** and enabling cost-effective elastic scaling, aligning with cutting-edge technologies like Apache Arrow and AWS.
- Enhanced **PostgreSQL** performance via strategic indexing and query optimization, reducing response times by **20%** and improving data retrieval efficiency under high loads, leveraging technologies like Apache Arrow and TimescaleDB.
- Automated data extraction workflows in an Agile setting using **Puppeteer** and **Axios**, enhancing operational efficiency by **25%** and aligning with cutting-edge technologies like Kafka and Superset.
- Implemented efficient **CI/CD** pipelines with **Jenkins** and **GitHub Actions** for automated development cycles and seamless deployments, incorporating technologies like Apache Arrow and FluxCD.

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: JavaScript, TypeScript, Python, Java
Frameworks: React, Next.js, tRPC
Developer Tools: Git, Docker, Kubernetes, Helm, FluxCD, GitHub Actions, Terraform, Jenkins, Ansible
Cloud & Databases: AWS (EC2, S3, CloudFront, RDS, Lambda, EKS), PostgreSQL, MongoDB
Data Technologies: Apache Arrow, Kafka, Parquet
Visualization: Plotly.js, D3.js