Suleyman Kiani

+1 289-788-8260 | suley.kiani@outlook.com | kianis4@mcmaster.ca | linkedin.com/in/suleyman-kiani | github.com/kianis4

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 a robust, modern full-stack platform leveraging **Next.js**, **TypeScript**, and **Node.js** to streamline business operations, resulting in a **20%** improvement in operational efficiency.
- Utilized **Docker** and **Terraform** for containerization and infrastructure as code, enabling consistent multi-environment deployments **and significantly reducing manual provisioning overhead**.
- Integrated **Square** and **Chargify** payment systems into the existing platform, **increasing annual revenue by $50,000** through reduced transaction fees, automated billing workflows, **and real-time transaction insights**.
- Automated personalized review requests using **AWS Lambda** and **RDS**, **improving overall customer feedback by 30%** via targeted notifications, rapid follow-ups, **and streamlined data collection**.

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, reducing infrastructure overhead, and enabling cost-effective scaling in production.
- Enhanced **PostgreSQL** performance via indexing, caching, and query optimization, reducing response time **20%**.
- Implemented data extraction workflows in **Agile** development with **Puppeteer** and **Axios**, automating gift card balance verifications across provider platforms and significantly increasing overall operational efficiency by **25%**.
- Established **Jenkins** and **GitHub Actions** CI/CD pipelines to ensure rapid development and deployments.

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, C/C++, HTML
Frameworks: Next.js, React, Node.js, Flask, Django, AngularJS, Tailwind CSS
Developer Tools: Git, Docker, Kubernetes, GitHub Actions, Terraform, Redis, SQLServer
Cloud & Databases: AWS (EC2, S3, CloudFront, RDS), Google Cloud Platform, PostgreSQL, MongoDB