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*
- Developed mobile and web applications at scale using **React Native**, **Swift**, **Kotlin**, **Java**, **Typescript**, and **Javascript** to optimize business operations, achieving a **20%** increase in operational efficiency.
- Implemented database optimization techniques like **Docker** and **Terraform** for seamless multi-environment deployments, reducing manual provisioning overhead and enhancing system performance.
- Collaborated with distributed teams to integrate payment systems into the platform, **boosting annual revenue by $50,000** through optimized transaction fees, automated billing workflows, and leveraging SaaS principles.
- Improved customer engagement by **30%** through targeted notifications and rapid follow-ups by automating review requests with **AWS Lambda** and **RDS**, leveraging large-scale systems for streamlined processes.

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, demonstrating adaptability and proficiency in modern tech stacks like **React Native** and **Typescript**, resulting in a **15%** increase in scalability and cost-effective scaling.
- Showcased expertise in database optimization and performance tuning by optimizing **PostgreSQL** performance through indexing, caching, and query optimization, resulting in a **20%** reduction in response time, crucial for large-scale systems, similar to working with large-scale systems at Clio.
- Automated gift card balance verifications across provider platforms using **Puppeteer** and **Axios** in Agile development, demonstrating proficiency in Agile methodologies and automation, similar to working on large scale SaaS products at Clio.
- Implemented **Jenkins** and **GitHub Actions** CI/CD pipelines to streamline rapid development and deployments, demonstrating expertise in continuous integration and continuous deployment practices, similar to working in an agile environment with full stack developers at Clio.

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