Suleyman Kiani

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Education

McMaster University   Hamilton, ON
BSc in Computer Science Co-Op   *Sept 2018 – July 2023*

Work Experience

Gift Cash Inc. | *TypeScript, JavaScript, PostgreSQL, NodeJS, Postman, Docker, AWS*   Hamilton, ON
Software Engineer Intern   *May 2021 – Aug 2022*

- Transitioned Python Django codebase to **TypeScript NodeJS** serverless framework, creating custom **JavaScript** library implementations (**Axios**, **Twillio**, **Puppeteer**) and web scrapers in **TypeScript** and **Node.js**.
- Designed, tested, and documented **PostgreSQL** API integration, using **Jira** and **Jest** for quality assurance and **Postman** for API testing.
- Utilized **TypeScript**, **JavaScript**, **NodeJS**, **PostgreSQL**, **Docker**, and **AWS** to build scalable solutions, ensuring performance and reliability.
- Engaged in agile Scrum teamwork at Giftcash Dev, prioritizing software feature development, user privacy, and security.
- Developed and deployed revenue-boosting web scrapers adopted by Giftcash for data extraction, enhancing business growth through automation.

SDI Labs | *Ruby on Rails, Ruby, SQL, JavaScript, Docker, Jira, Git*   Garden Grove, CA, USA
Software Engineer Intern   *June 2019 – Aug 2019*

- Collaborated in sprint cycles at SDI Labs, developing and implementing web scrapers for insurance company websites using **Ruby on Rails** and **Docker**.
- Gained expertise in making API calls, processing and storing data from insurance websites, and using tools like **Github** and **Jira** for efficient project management.
- Contributed to optimizing an in-house **SQL** database, conducting stress and performance tests alongside team members to ensure stability and performance.
- Streamlined new client onboarding by automating data entry into the **SQL** database, enhancing efficiency and data accuracy.

Personal Projects

Recipe Shack 1.0 | *Python, Django,MongoDB, JavaScript, React*

- Led end-to-end development of a health-focused project application with recipe generation, user authentication, and personalized features using **JavaScript**, **React**, **Python Django**, and **MongoDB**.
- Ensured user-friendliness with a responsive front-end, while managing user data securely in the backend.
- Implemented comprehensive testing strategies, including unit tests with **Django** and **Jest** frameworks, and partition testing for thorough input/output validation.

Safety Net | *Java, OpenCSV*

- Developed a desktop application, "NYC Safety Net," mapping 4 million NYPD crime data to enhance safety for tourists and visitors in New York City.
- Designed features for crime comparisons, address-specific data lookup, and safest path calculation, highlighting problem-solving and algorithmic skills.
- Utilized Dijkstra's algorithm for optimized path-finding, showcasing graph theory, and optimization expertise.
- Integrated **LocationIQ Geocoding API** for location lookup, demonstrating proficiency in API usage and software development.

Technical Skills

Languages: TypeScript, JavaScript, Python, Ruby, C/C++, SQL, Java, HTML/CSS

Frameworks and Cloud Technology: Node.JS, ReactJS, AngularJS, Django, Spring, Flask, JUnit, Jest, AWS (Kubernetes, EC2, Lambda, S3, CloudFront, Route 53, ACM)

DevOps Tools: Git, Docker, Jira, Jenkins, Nexus, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Vim

Libraries: Axios Response, Twilio, Puppeteer, Pyppeteer, Pandas, gsap, Leaflet, JQuery, Django Rest Framework