Mikael Samvelian

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EDUCATION

Sep 2015 – May 2020 Montreal	**Concordia University** *B. Eng. in Software Engineering* GPA: 3.70 (Present Year) 3.0 (Total)

PROFESSIONAL EXPERIENCE

Oct 2021 – present
Vancouver

Electronic Arts
Site Reliability Engineer
- Created and deployed new micro services within our ecosystem using **Go, Ruby** and **Kubernetes** to add new capabilities to an existing platform.
- Developed automation tools for a large **AWS** environment.
- Integrated monitoring tools to identify anomalies and patterns that can speed investigations and intelligence discovery.
- Configured and maintained monitoring solutions at server and application level to increase visibility into day-to-day operations and issues, utilizing **Prometheus**, **Grafana**, **Kibana** and **New Relic**.

May 2020 – Oct 2021
Montreal

Haivision
Software Developer
- Developed REST API micro services in an agile environment using **Open API**, **Node.js** and **MongoDB**.
- Integrated real time notifications using **WebSockets**.
- Used **Kubernetes** along with **Helm** to monitor, debug and deploy production systems.
- Addressed regular production bugs and improvements in services using **Kanban** to prioritize requirements, and utilizing **CI/CD** pipelines to rapidly iterate.
- Improved application stability by writing automated API tests in **Mocha** and **Chai**.
- Constantly exceeded expectations by delivering user stories, documentation and infrastructure improvements ahead of time with good communication.

May 2019 – Dec 2019
Montreal

Haivision
Software Development Engineer in Test
- Programmed and automated test suites using E2E frameworks on **Python** and **Node.js**.
- Reduced regression testing time by 70% which resulted in significantly faster releases.
- Established a continuous integration and development pipeline with **Circle CI** to automatically build and test code base.
- Continuously worked in an agile environment.
- Identified new automation tools/approaches that increased quality, development velocity and decreased testing costs.
- Designed and developed a local dashboard page with graphics to help visualize results of automated tests.
- Implemented a performance test using visual regression for the company's core product by mapping mathematical models to code.

| Jul 2018 – Jan 2019 | **Keywords Studios** |
| Montreal | *Functional Quality Assurance Tester* |

- Identified, documented and reported bugs, errors, interoperability flaws and other issues for a variety of titles.
- Demonstrated methodical, detail-oriented and thorough approach to all assignments while adhering to compressed timelines.
- Consistently recognized for excellent problem-solving and analytical skills by programmers, project managers and supervisors.
- Worked collaboratively with QA and development to complete comprehensive testing on two major new releases.
- Completed all assignments on or ahead of schedule.

SKILLS

Programming Languages: *(Python, Javascript, Go, Ruby)*

Web & Database *(Node.js, React.js, NoSQL, HTML, CSS)*

DevOps *(Kubernetes, Docker, Automated Testing, Azure, AWS)*

Industry Knowledge *(Git, Agile Methodologies, Scrum, Jira)*

Soft Skills *(Leadership, Problem-Solving, Communication, Teamwork, Adaptability)*

LANGUAGES

English
Native tongue

French
Proficient

PROJECTS

| Oct 2020 – present | **Can I Afford** |
| | *Personal Project - www.caniafford.ca* |

- Created modern UI by writing reusable components with React hooks.
- Integrated a serverless framework by using Firebase Cloud Functions.
- Automated deployment through Github Actions.

| Jan 2020 – May 2020 | **Artificial Intelligence Project** |
| | *Concordia University* |

- Developed a solution to the Lights Out puzzle in Python by using algorithms Breadth First Search, Depth First Search and A*.
- Improved run times by creating and using a heuristic.

| Sep 2019 – May 2020 | **Capstone Project** |
| | *Concordia University* |

- Developed a web application (travelingstrategy.com) using React.js, Express.js, GraphQL, Python, SQLite3.
- Understood the app in and out which facilitated unblocking teammates.
- Followed best practices when creating the foundation of the project to simplify long term work.
- Created a Digital Ocean Ubuntu server to host the application and used Linux commands to handle deployments.