

# Mona Ghassemi

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Motivated professional seeking employment in DevOps, Cybersecurity, or Software Development

## TECHNICAL SKILLS

### Languages:

Human:

- English (native)
- French (proficient)
- Farsi/Persian (native)

Machine:

- Javascript
- Java
- Python
- Bash (shell script)
- Ruby on Rails

### Automation:

Infrastructure and CI:

- AWS
- Terraform
- Github Actions
- Bitbucket Pipelines
- Datadog

Testing Tools:

- K6
- Appium / Selenium
- WebdriverIO
- Cucumber / BDD
- RSpec
- Postman (scripting)

### Backend:

- MySQL, PostgreSQL
- REST & GraphQL

### FE Development:

- HTML5 / CSS
- React.js

### Tools of the Trade:

- Git
- Linux / Terminal
- Docker

## WORK EXPERIENCE:

**Software Developer** *Vori Health (Montreal, QC)* Dec 2023 - Present

- Designed and implemented automated solutions for workflows handling sensitive documents using AWS lambda, Docker and gnupg.
- Communicated and implemented solutions to bugs and customer issues.
- Contributed significantly to improvements of technical documentation.

### DevOps SRE

*Internal Projects @ AlleyCorp Nord (Montreal, QC)* Jan 2022 - Nov 2023

- Researched observability tooling, implementation and best practices.
- Researched implementation of privacy-preserving LLM-based tooling.
- Assembled and tested robotics parts; worked with Viam Robotics' SDK.
- Experimented on ChatGPT's capability at engineering interview tests.
- Wrote blog posts and delivered talks on research results.

*Capable Health via AlleyCorp Nord (Montreal, QC)* May 2022 - Jan 2023

- Automated AWS infrastructure and implemented security controls through Terraform, resulting in achievement of SOC2 type 2 certification.
- Secured infrastructure through implementation of linting and static analysis tools in CI and in shared developer environments.
- Led research, documentation, and implementation of an e2e test framework using Terraform and Datadog Synthetics.
- Designed, implemented, ran, and created reports for load tests with K6.
- Managed DNS and http redirects through Cloudflare.
- Automated database seeding for test environments (Ruby on Rails).

### Lead Quality Assurance Developer

*Rally.io via AC781 (now Embarq) (Montreal, QC)* Apr 2020 - May 2022

- Implemented API test framework (JS: REST/GraphQL) with Github Actions triggers for microservice release workflows.
- Implemented e2e test frameworks for web/mobile applications (WebdriverIO: Appium/Selenium, Browserstack integration).
- Managed release testing process and release schedule.
- Implemented process improvements through retrospectives, post-mortems and inter-team communication.
- Performed acceptance and stress testing of various products.

### Quality Assurance Developer

*Workjam, Inc. (Montreal, QC)* Jan 2019 - Apr 2020

- Implemented e2e testing mobile (iOS/Android) framework in Javascript / CucumberJS with REST API calls for data creation, Appium/WebdriverIO, SauceLabs integration, and slack hooks for reporting.
- Championed the resolution of security issues as a "security ninja".
- On-boarded test developers and mentored an intern.

## **Quality Assurance and Support Specialist**

*Peerio Technologies (Montreal, QC)*

Oct 2018 - Dec 2018

- Performed feature testing and regression testing on desktop and mobile platforms and implemented automated test scenarios (WebdriverIO with CucumberJS).
- Communicated with devs and users to resolve issues and fix bugs.

## **LEADERSHIP AND MANAGEMENT EXPERIENCE:**

### **Code of Conduct Committee Lead**

*NorthSec (Montreal, Quebec)*

June 2023 - Present

- Contributed continual improvements to the Code of Conduct and followed up on incident reports.

### **Vice President of the Board of Directors**

*Iranian-Canadian Congress (Canada)*

Apr 2023 - Present

- Contributed to high-level decision-making, including chairing committees and developing projects.
- Coordinated collaborations with like-minded organizations.

### **Volunteer: Logistics; Training Moderator; Diversity Program Selection Committee**

*NorthSec (Montreal, Quebec)*

May 2023, March - May 2021

- Assisted in gaffing and dressing of stage, serving food, and cleanup for an event with hundreds of attendees.
- Moderated a workshop hosted on Zoom (assisted trainer in addressing questions).
- Selected winning participants among applicants to the Diversity Outreach program.

### **President of the Board of Directors**

*QPIRG Concordia (Montreal, QC)*

Oct 2019-Oct 2021

- Participated in board meetings and collective decision-making related to the organization.
- Served on hiring committees and made decisions regarding funding allocations.

### **Medical Camp Coordinator and Tutor**

*McGill University Computer Science Summer Camp (Montreal, QC)*

Summers 2010-2014

- Delivered a lesson on Java and coached camp participants during programming activities.
- Coordinated a small team to ensure the smooth running of the biology section of the camp.

## **EDUCATION**

### **Master of Arts: Social and Cultural Anthropology**

*Concordia University (Montreal, QC)*

2015-2017

### **Bachelor of Science: Computer Science and Biology**

*McGill University (Montreal, QC)*

2009-2014

## **ADDITIONAL EDUCATION AND TRAINING:**

### **French Course: Writing level 10, Oral level 8**

*FBDM through AlleyCorp Nord (Montreal, Quebec)*

July-November 2023

### **Certified Cloud Practitioner**

*Amazon Web Services*

April 2023

### **AWS Cloud Quest: Cloud Practitioner**

*Amazon Web Services*

March 2023

### **Mastering Container Security**

*NorthSec (Montreal, Quebec)*

May 2020

### **Peer Support and Advocacy Training**

*Centre for Gender Advocacy (Montreal, Quebec)*

2017-2018

### **Leadership Certificate**

*GradProSkills, Concordia University (Montreal, Quebec)*

2017-2018