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:

- (Java|Type)script
- Bash (shell script)
- Java
- Python
- Ruby on Rails

Automation:

Infrastructure and CI:

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

Testing Tools:

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

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*

- Reduced onboarding time for customer SFTP server configuration from two weeks to five minutes with new tooling (AWS SAM and Typescript).
- Automated workflows using tools such as AWS (SAM, lambda, s3, sqs), Docker, Typescript, bash, gnupg, and GitHub Actions.
- Took initiative by integrating linting and static analysis into projects, proposing and triaging security-related and automation tasks.
- Performed regular maintenance, major updates and refactors, to address long-standing bugs and modularized code using DRY principles.
- Assisted in implementation of preview environments for testing (AWS Amplify, Cloudflare).
- Created on-boarding documentation for future developer hires.
- Delegated and communicated pressing tasks with a contract DevOps team.
- Coordinated backend releases.

DevOps SRE

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

- Researched observability tooling, implementation and best practices.
- Implemented a POC 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 implemention 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.
- Onboarded a backend Quality Assurance Developer and delegated tasks.

Quality Assurance Developer and Support Specialist
Workjam, Inc. (Montreal, QC)   *Jan 2019 - Apr 2020*
Peerio Technologies (Montreal, QC) – acquired by Workjam, Inc.   *Oct 2018 - Dec 2018*

- 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".
- Developed a POC for a localization pipeline to improve efficiency of the company's translation process.
- On-boarded test developers and mentored an intern.
- Performed smoke testing, feature testing and regression testing on desktop and mobile platforms and implemented automated end-to-end test scenarios (WebdriverIO with CucumberJS).
- Communicated with developers 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.
- Instantiated a Code of Conduct Committee to delegate responsibility and facilitate discussion of CoC.
- Trained event volunteers to properly address incidents in Code of Conduct "first response".

Vice President of the Board of Directors
Iranian-Canadian Congress (Canada)   *Apr 2023 - Present*

- Contributed to chairing committees, developing projects, and drafting key statements.
- Represented the organization and coordinated its participation in and contributions to Canada's Public Inquiry into Foreign Interference.
- Coordinated collaborations with like-minded organizations and organized volunteers.

Volunteer: Logistics; Training Moderator; Diversity Program Selection Committee
NorthSec (Montreal, Quebec)   *May 2023, March - May 2021*

- Assisted in stage dressing, setup, teardown, and food distribution 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, managed staff needs, and made decisions regarding funding allocations.

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*

Leadership Certificate
GradProSkills, Concordia University (Montreal, Quebec)   *2017-2018*