

MOUNIRA ZITOUNI

📞 (+1) 873-552-4835 ✉️ mzito042@uottawa.ca 💼 Mounira Zitouni 🔄 Mounira Zitouni 🌐 Portfolio Website

Education

Software Engineering - Bachelor's degree in Applied Science

September 2020 – December 2024

University of Ottawa, Ottawa, ON

- **GPA:** 3.6/4.0
- **Honors:** Suma Cum Laude
- Dean's Honour List and University of Ottawa's Merit scholarship (four consecutive years)
- Relevant Courses: Operating Systems, Data Structures and Algorithms, Computer Architecture I

Skills

Software Languages: Python, Java, HTML/CSS, PHP, VBScript, Lua, SQL, JavaScript, TypeScript

Operating System: Windows, UNIX/LINUX

Database: Basic SQL (MySQL), SQL Server, Database Design, Constraints, Views

Platforms and Tools: React/Native React, Bootstrap, GitHub/Gitbucket/Bash, Visual Studio, OpenShift, WordPress, Jira, Jenkins, PagerDuty API, Google API & services, Postman, UFT, Firebase

CI/CD and DevOps: Continuous Testing, Jenkins

Work Experiences

Site Reliability Engineering

September 2022 – December 2022, May 2023 – August 2023

Motorola Canada Solutions

Gatineau, QC

- Automated document updates and modifications in Google Chat bot, and **optimized API integration** using Google API, reducing manual input and enhancing efficiency. Utilized **scripting (Python, Bash)** and demonstrated proficiency in **cloud computing (Azure, GCP)** and system optimization.
- Integrated solutions within **Microsoft Azure**, utilizing **Cosmos DB** for **scalable database management**, and contributed to programming, testing, **CI/CD pipeline deployment**, and production environment support, showcasing expertise in **cloud infrastructure management, deployment automation**.
- Collaborated with **cross-functional teams** to address **bug reports**, implement **feature requests**, and prioritize tasks based on **user feedback** and **business requirements**, highlighting strong communication, teamwork, and **agile project management skills**, along with proficiency in programming languages (**Python, Java, TypeScript**).

Automation Tester and Analyst

January 2022 – May 2022

Innovapost Inc.

Ottawa, ON

- Collaborated with cross-functional teams including Business Analysts and Developers to design and develop **automation scripts**, ensuring the quality of application delivery in an Agile environment.
- Implemented and maintained automated test scripts using a variety of tools, including **QTP/UFT, Selenium**, and **LoadRunner**, resulting in a more efficient and reliable testing process.
- Applied strong analytical skills and attention to detail in analyzing requirements, functional designs, and **users' stories** for validity and feasibility, contributing to the development of comprehensive test strategies and plans.

Software Developer Intern

May 2021 – November 2021

Innovapost Inc.

Ottawa, ON

- Designed and developed **multi-user online applications**, through the complete software lifecycle, from requirements documentation to flow analysis.
- Managed projects with **JIRA, Jenkins**, and **Git** and proficiently utilized **HTML, JavaScript, PHP, CSS** for project development, contributing to a 15% increase in website performance.
- Deployed applications efficiently on **OpenShift, WordPress**, and **Visual Studio**.

Projects

Pong Video Game— GitHub Link

The classic Pong game revived.

Jan 2024 – Jun 2024

Lua, Love2D (LÖVE)

Activity booking Website — GitHub Link

A responsive booking React website.

Jan 2022 – Apr 2022

ReactJs, Html, Javascript, CSS, Bootstrap

Insuline management application — GitHub Link

Insulin tracking mobile app development for a client.

Jan 2021 – Apr 2021

Java, My SQL