




# Karim Gheriani

## Software Developer

 LinkedIn  Github  Karimogheriano@gmail.com  6138097158  Karimgh.com

### EDUCATION

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**BASc in Software Engineering (COOP), University of Ottawa**

09/2020 – 12/2024 | Ottawa, Canada

Current cGPA of 9.31/10

### PROFESSIONAL EXPERIENCE

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**Software Developer, DistillerSR**

09/2023 – 09/2024 | Ottawa, Canada

- **Developed** new web application features for a literature review software using React + TypeScript and Laravel PHP for over **thousands** of users.
- **Improved** code quality by implementing automated testing with Jest for React and PHPUnit for PHP.
- Resolved **12+** customer complaints related to feature functionality and usability, improving user experience.
- Optimized web application performance, resulting in a **75%** decrease in upload times.

**Software Developer, Telepin Software**

09/2022 – 04/2023 | Ottawa, Canada

- **Enhanced functionality** for a financial mobile app using Angular14 and C# .NET platform, benefiting thousands of users.
- Maintained high code standards by using **testing procedures** such as using Karma and Jasmine.
- Identified and resolved **8 critical bugs**, enhancing overall user experience and app reliability.

**Validation Analyst, Transport Canada**

01/2022 – 04/2022 | Ottawa, Ontario

- Collaborated with the Transportation of Dangerous Goods team, validating extensive accident data utilizing Microsoft Excel, SAS EG and **Python**.

### PROJECTS


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**Video Game Ecommerce Store** 

- Created a fully responsive website that sells Video Games. Everything is functional up until the part of receiving the Video Game and paying for it. Built using **React, JavaScript, HTML and CSS**, best practices.

**Catch the Mouse Game** 

- Created a game with the purpose of catching the mouse before it escapes.
- Built using **Java Object Oriented Programming** and GUI's

**Search Engine (Google Clone)** 

- Fetched data from google search API to display results based on input.
- Built using **React, JavaScript, HTML and CSS**, best practices.

### SKILLS

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**Programming Languages:** — Java, Javascript, Typescript, Python, C#, PHP

**Web Development & Frameworks:** — React, Angular14, Html5, Css3, PHP Laravel, Spring Boot, REST API'S

**Tools** — JIRA, Confluence, BitBucket, Git, CI/CD, Docker, Kubernetes, JUnit, Solace PubSub+, Maven, Gradle, Agile methodologies

**Databases** — MySQL, PostgreSQL, Firebase