

# Keefe Belanger

keefe.belanger@gmail.com • (613) 305-2243 • [www.linkedin.com/in/keefe-belanger](https://www.linkedin.com/in/keefe-belanger) • <https://github.com/KeefeB>

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## **TECHNICAL PROFICIENCY**

- Programming Languages: Java, C, Python, JavaScript, TypeScript, React, Linux, Git, SQL, CI/CD
- Frameworks & Platforms: Microsoft Azure, RESTful APIs, Agile methodologies

## **EDUCATION**

**Carleton University | Ottawa, Ontario**

**Bachelor of Engineering Science | Sep 2019 – Dec 2024**

- Specialization in Software Engineering
- Relevant Courses: Fundamentals of Web Development, Software Architecture and Design, Algorithms and Data Structures

## **EMPLOYMENT EXPERIENCE**

**Project Coordinator | Green Infrastructure Partners (GIP) | Kingston, Ontario |**

**May 2023 – Aug 2023 | May 2024 – Aug 2024**

- Led cross-functional initiatives with subject matter experts to identify key project milestones, communicated with all levels of management to balance competing needs
- Managed the efforts of interfacing with multiple stakeholders to ensure timely and cost-effective project implementation within the original scope

**Building Services Coordinator | Empire Life | Kingston, Ontario | May 2022 – Aug 2022**

- Served as a front-line operator for investigating and solutioning issues pertaining to critical IT infrastructure, including servers and network cabling

**Sales Advisor | Daymon Worldwide Inc. | Kingston, Ontario | May 2021 – Aug 2021**

- Operated as a Sales Specialist for a variety of products requiring extensive learning of new products and fielding questions from potential buyers

## **PROJECT EXPERIENCE**

**Mobile Fitness Application | 4<sup>th</sup> Year Capstone Project | Sep 2023 – Apr 2024**

- Conducted requirement analysis, designed and developed a full mobile fitness app with features including:
  - OpenAI API driven workout recommendations
  - Identification verification system
- Leveraged Dart and Flutter Framework (FlutterFlow) for development
- Documented and built diagrams to describe the system for users and presented overall system architecture to peers

**Web Application Development | Shopify Replication Project | Sep 2023 – Dec 2023**

- Designed and developed a replication of existing Shopify functionality on a 5-person team leveraging Java and integration into Microsoft Azure
- Built UML diagrams to fully map out the desired system behaviour and overall interactions

**Elevator Simulation System | Jan 2023 – Apr 2023**

- Designed and developed a simulated elevator system on a 4-person team leveraging Java and various server deployments
- Designed UML diagrams as well as documented system to ensure 3<sup>rd</sup> party readers could effectively understand design and system choices
- Led the project presentation, delivering complex system design choices and finished product to a class of peers while fielding questions regarding the product

## **ADDITIONAL INTERESTS**

- Computer building and circuitry
  - Designed and built several computers (i.e. thoroughly researched components and compatibilities, etc.)
- A love for travel