

# Michael Botelho

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## Highlight of Skills

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- Collaborative and Analytical Computer Science Major with an interest in Web and Security
- Highly Agile and Solutions Focused, comfortable experimenting beyond boundaries and self-motivated to advance expertise by solving challenging problems that align with interests
- Organizational, Problem Solving, and Team Leading skills gained through a variety of professional experience within recreational, landscaping, and customer service industries

## Projects

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### Product Inventory Manager

January 2024

- Developed a distributed client-server-based application with Python allowing users to manage product inventory stored in Redis cache by leveraging gRPC (Google Remote Procedure Call) to handle requests between client and multithreaded server
- Implemented a command-line interface for users to interact with functionalities like adding, retrieving, deleting, and updating quantities of products, providing a scalable solution for inventory management

### MyPalFitness

March 2023 – April 2023

- With an agile team of 5, developed a simple fitness tracking application with C++ to provide visual health metrics for a user by leveraging Qt Designer for GUI design and Atlassian for agile project management

## Skills & Competencies

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- Languages: Java, C#, Python, JavaScript, HTML, CSS, SQL, C++, C, R, Markdown
- Technologies: React, GitHub, gRPC, Redis, Bash, .NET Blazor, Atlassian, Overleaf, Javadoc

## Education

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### BSc. Specialization in Computer Science - Western University - London, ON

Expected April 2024

- Relevant Courses: Web Design, Advanced Databases, Networks and Security, Scalable Enterprise Distributed Systems, Agile Development

## Experience

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### Project Manager – Bella's Lawn and Garden – Durham Region, ON

April 2017 – Present

- Meticulously plan, organize, and execute labour intensive tasks, ensuring projects are completed within budget and according to client timelines
- Manage workflow in a fast-paced, high intensity environment, prioritizing team health and safety