



# BOB JOSHUA QUILACIO

Junior Full-Stack Developer

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 Alberta, Canada

## PROFILE

A creative, self-taught, full-stack developer dedicated in developing user-friendly, feature-rich, and interactive web applications. Leverages strong analytical skills to deliver easy-to-maintain, scalable, and clean code.

## FEATURED TECHNICAL PROJECTS

### Budgeting App

 April 2021

Budgeting App is a ASP.NET Core MVC App that helps you track your personal finances, budgets, and expenses.

- + Utilized EF Core to manage and work with SQL Server.
- + Implemented Tailwind CSS for styling.
- + Managed Authentication and Authorization with ASP.NET Identity.

### HIMO | Web Design Studios

 May 2021

The official website of HIMO | Web Design Studio.

- + Built the website using TypeScript/React.
- + Used React Router for routing between components.
- + Utilized Framer Motion and React Intersection Observer to implement animations.
- + Integrated Styled Components for styling.

### Sudoku Backtracker

 August 2020

An algorithm written in Python that solves sudoku puzzles using backtracking.

- + Created a function that checks if it is safe to assign a number to a specific cell.
- + Created a recursive function that checks whether an assignment of a number leads to a solution.

### MoonCake

 February 2021

The website (prototype) of a local bakery.

- + A static website built using HTML5, Sass, and Javascript.
- + Employed CSS Grid and Flexbox for content layout.

### Moebius Plotter

 June 2021






A .NET application that generates a graph of a Moebius Function given  $n$  - any positive integer.

- + Created a mathematical function that calculates  $\mu(n)$  - running total of the prime factorization of  $n$ .
- + Utilized ScottPlot - a .NET Plotting Library to generate a .png file of the graph.

## SKILLS

.NET C# SQL Server ASP.NET Git  
React TypeScript JavaScript Figma  
HTML5 CSS3 Django Python3 Sass

## STRENGTHS

-  Oral and Written Communication
-  Dedicated to Constant Learning
-  Building Strong Relationships
-  Analytics and Problem Solving
-  Quick Learner and Independent

## EDUCATION

### Grant MacEwan University

 Open Studies

GPA

 January 2021 to Present

4.0 / 4.0

- + Finished the term with a 4.0 GPA.

### Northern Alberta Institute of Technology

 Electrical Engineering Technology

GPA

 January 2018 to December 2019

3.9 / 4.0

- + Achieved Dean's Honour roll on all academic terms.





## RECOGNITION

### ASET 2021 Capstone of the Year Finalist

★ Featured in Fall 2020 Copy of Technology Alberta

- + Created a Capstone project that focused on integrating a Programmable Logic Controller and Variable Frequency Drive into a parallel chain drive conveyor.

## INTERESTS

-  Photography and Videography
-  Reading Books
-  Weightlifting
-  Hiking