

# Blessing Okeme

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[blessing-o.github.io/Portfolio/](https://blessing-o.github.io/Portfolio/)

## EDUCATION

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### Carleton University

*Bachelor of Engineering: Software Engineering*

Ottawa, ON

*September 2017 – November 2022*

## TECHNICAL SKILLS

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**Languages:** Java, Python, C, MySQL, JavaScript, HTML, CSS

**Frameworks/Libraries/Databases/Tools:** React, Node.js, Express.js, Jest, JUnit, MongoDB, Bash, Git, Bootstrap, ANT, RestApi, MySQL

**Soft Skills:** Problem Solving, Teamwork, Independent, Self-Motivated, Time Management, Adaptability

## EXPERIENCE

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### Software Engineer co-op

January 2020 – April 2020

*Nav Canada*

*Ottawa, ON*

- Automated the testing of the user interface using TestFx to ensure that all the components in the user interface functioned as expected which resulted in the overall testing being faster
- Tested new features using JUnit test
- Worked with an agile team to help prioritize and scope stories in the product backlog to ensure that the most important stories were worked on first which improved the timeliness at which important tasks were completed

## PROJECTS

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### PASSWORD GENERATOR | *JavaScript, HTML, CSS Bootstrap*

November 2023

- Designed an application that generates passwords for users using the criteria selected by the user.
- Implemented the landing page using html and css
- Implemented the password generation functionality using Javascript
- Github Link: <https://github.com/blessing-o/PasswordGenerator>
- Live Server: <https://blessing-o.github.io/PasswordGenerator/>

### NOTE TAKER | *JavaScript, HTML, CSS, Node.js, Express.js*

December 2023

- Designed a web application that allows users to take notes and save the notes
- Used JavaScript and express.js to setup the server
- Used JavaScript, html, css and bootstrap for the client side
- Github Link: <https://github.com/blessing-o/NoteTaker>

### MINI SURVEY MONKEY | *Java, Springboot, HTML, CSS, JavaScript, ORM*

January 2022 – April 2022

- Designed the classes of the Mini Survey Monkey application and represented their relationship with each other
- Collaborated with other team members using git to implement the entity and controller classes, as well as the front end we designed for the Mini Survey Monkey application
- Project was developed in an agile team to ensure that all team members worked on all aspects of the projects

### USER AUTHENTICATION AND ACCESS CONTROL SYSTEM | *Python*

October 2021

- Designed a system that grants Access and Permission to users based on the roles they have.
- Designed and implemented a password function that only allows secured password using python to decrease the chances of brute force attempt having success
- Designed and implemented a secure password file using a bcrypt hash function to ensure users password are encrypted which prevents easy access to users passwords

### JUMPIN GAME | *Java*

September 2019 – November 2019

- Designed the classes of the JumpIN game and represented their relationship with each other
- Collaborated with other team members using git to implement the classes designed for the jumpIN game using java
- Wrote unit tests for all classes of the JumpIN game together with other team members using java