

Pranav Khodhot

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Available May 2025 and onward

EDUCATION

Carleton University

Honours Bachelor of Computer Science, Minor in Statistics

Ottawa, ON

September 2021 – December 2025

EXPERIENCE

Web Developer Intern

January 2024 – August 2024

Bayshore Healthcare

Mississauga, ON

- Converted **Figma** designs into webpage using **ReactJS**, **Bootstrap**, and **SASS** facilitating seamless integration of design elements and enhancing project functionality.
- Created custom web components using Vanilla **JavaScript** to enhance interactivity and user engagement while following UX/UX principles
- Developed a **WordPress** website summarizing company products, improving internal access to information and enhancing overall efficiency

QA Intern

May 2023 – August 2023

Bayshore Healthcare

Mississauga, ON

- Programmed various front-end test cases using **TypeScript** and **Cypress** framework resulting in opportunities to debug potential errors within the project
- Integrated **AWS Secrets Manager** into automation workflow using **IAM Roles** resulting in efficient and secure acquisition of client sensitive data
- Automated data validation web application data using **MongoDB** database to ensure that front-end data is correctly structured and valid, enhancing data integrity and reducing the risk of potential errors.

Software Developer Intern

May 2022 – August 2022

Bayshore Healthcare

Mississauga, ON

- Developed email templates using **HTML** and **CSS** resulting in visually pleasing emails sent to clients regarding whatever issue concerning them
- Created API test cases using **TypeScript** and a combination of **Cypress** automation testing and **Jasmine** resulting in verification of successful API calls
- Leveraged **Confluence** pages and **JIRA** tickets to streamline bug management within the project, ensuring efficient communication and bug testing among the automation team.

PROJECTS

AED Simulation | C++, Qt Craetor

February 2023 – March 2023

- Engineered an AED simulation program utilizing **C++** mimicing real-world AED Plus operation providing real-time CPR feedback and accurate cardiac arrhythmia diagnosis
- Developed interactive user controls and visual prompts with **Qt Creator** simulating life-saving procedures and ensuring users receive clear guidance in critical scenarios.
- Incorporated the **Observer** and **State** design patterns enabling dynamic state transitions and real-time updates to various components

Electronic Store Application | Java, JavaFX

March 2022 – April 2022

- Designed a Electronic Store application using **Java Graphic User Interface** concepts to create it resulting to a application that is visually appealing to consumers
- Constructed Application methods stemming from other classes using **Inheritance** concepts resulting in code that is efficient in time complexity
- Organized various types of products using Object Oriented Programming concepts such as **Abstraction** and **Interfaces** resulting in easy to understand code

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, Typescript/JavaScript, HTML/CSS, PHP, R

Frameworks: Node.js, React.js, Express.js, Socket.io, Bootstrap, Tailwind, SASS

Tools: Git, Confluence, Jira, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Slack,

Certifications: Standard First Aid