

GUNEET BOLA

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Technical Skills

Languages and Frameworks: Python, C++, C, C#, JavaScript, React.Js, Angular.Js, SQL, HTML, CSS, Flask, Bootstrap

Tools and Technologies: Git, Visual Studio Code, GitHub, Figma

Product Management: Agile, Azure DevOps, Jira, Confluence

Education

University of Waterloo

Sep. 2020 – Expected May 2025

Honours Bachelor of Computer Science

Waterloo, Ontario

Relevant Coursework: Algorithms, Operating Systems, Data Structures & Data Management, Object-Oriented Software Development (C++), Algorithm Design & Data Abstraction (C)

Work Experience

Software Developer

Jan. 2023 – Present

Trend Micro

Ottawa, Ontario

- Creating and integrating the Trend Micro's Cloud One platform onto an offering in a new **AWS region** while discovering and repairing issues.

Full-Stack Developer

May 2022 – Aug. 2022

BDO Canada LLP.

Oakville, Ontario

- Translated open-ended business requirements into 20+ dynamic full-stack features, such as, extracting and managing data entered by users and dynamic PDF Generation.
- Utilized the **.Net Tech Stack (C#), Angular.Js, REST APIs, and SQL** to create and improve a web application which will be used by 1000+ users daily.
- Analyzed and resolved 50+ defects which **reduced program crashes and errors caused in the application by 40%** by connecting with the client and comprehending their needs.
- Utilized and managed a SQL relational, storage database with over 40+ tables to effectively organize and query/retrieve user information using 20+ stored procedures.
- Tested back-end, REST API, functionality in Swagger UI and resolved defects **improving testing efficiency by 35%**.

Software Developer

May 2021 – Aug. 2021

University of Waterloo

Waterloo, Ontario

- Developed 30+ responsive course features in interactive course catalogues to **improve participation** and redesign the virtual educational experience for **1000+ students** in 15 courses.
- Designed and translated 10+ Figma mockups to enhance current courses using **HTML, CSS, and JavaScript**.
- Optimized JavaScript code and improved the maintainability, scalability, and accessibility of **20 webpages**.
- Improved UI/UX by conducting and analysing **20+ user-tests** and integrating website enhancement recommendations.
- Researched and presented an individual report to introduce collaborative coding platforms including Git version control to **improve software development efficiency in the team by 30%**.

Projects

Stock Trader | [🌐](#) [🔗](#) | Python, Flask, HTML, CSS, SQLite

- Programmed an interactive stock market platform where users can mock trade **1000+ stocks** in real-time.
- Leveraged a **stock market API** to facilitate stock market queries with real-time information.
- Implemented login and registration user-authentication along with the ability to examine current shares and past history using **SQLite and Flask**.

Artist Search | [🔗](#) | HTML, CSS, Bootstrap, React.Js, REST API

- Utilized the **Spotify REST API** to develop a search engine with the ability to search **100,000+ musicians**.
- Created Figma mockups and implemented Bootstrap using front-end design principles to improve UI/UX experience.
- Provided **30+ users** with the ability to access all musicians' information and listen to their top tracks on one platform.

Chess | C++

- Collaborated to design a detailed UML diagram to develop a multi-level, two-player chess game with computer player options using **OOP design principles** and Git to achieve a **90%** satisfaction rate according to professors.
- Created a **GUI** using XQuartz by improving efficiency by **10%** and implemented text-display to enhance the UI/UX.