GUNEET BOLA

647-987-5343 | ✉ gbola@uwaterloo.ca | 🌐 Portfolio | 🔗 LinkedIn | ⭘ GitHub

Technical Skills

Languages and Frameworks: Python, C++, C, C#, JavaScript, React.Js, Angular.Js, SQL, HTML, CSS, Flask, R, Bootstrap
Tools and Technologies: Git, Visual Studio Code, GitHub, Microsoft Office
Product Management: Agile, Azure DevOps, Figma, Jira, Confluence

Education

University of Waterloo   **Sep. 2020 – Expected May 2025**
Honours Bachelor of Computer Science – GPA: 3.7   *Waterloo, Ontario*
Relevant Coursework: Data Structures & Data Management, Object-Oriented Software Development (C++), Algorithm Design & Data Abstraction (C)

Work Experience

Full-Stack Developer   **May 2022 – Present**
BDO Canada LLP.   *Oakville, Ontario*

- Translated business requirements into **20+** full-stack features using the **.Net Tech Stack** with Angular.Js on an application will be used by **1000+** users daily.
- Developed **REST API services** to connect the front-end and back-end of the application such as the implementation of extracting and managing data entered by users and dynamic PDF Generation.
- Analyzed and resolved **50+** defects which reduced program crashes and errors caused in the application by **40%** while connecting with the client and comprehending their needs.
- Utilized and managed a **SQL BLOB** storage database with over 40+ tables to effectively organize and query user information using **20+** stored procedures.
- Tested back-end, REST API, functionality in Swagger UI and resolved defects which improved testing efficiency by **35%**.
- Collaborated in an **agile development team** using the Azure DevOps environment and Git visual studio by participating in sprint planning/review sessions, scrum meetings, and defect triages.

Software Developer   **May 2021 – Aug. 2021**
University of Waterloo – WIL Programs   *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 redesign 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.

Mathematics and Science Tutor   **Jul. 2019 – Jul. 2020**
MathMagician Inc.   *Brampton, Ontario*

- Created mathematics and computer science lesson plans for students of all ages with **95%** satisfaction rate.
- Achieved an increase in student grades by at least **7%** by encouraging curiosity to learn in a supportive environment.

Projects

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.
- Created a **GUI** using XQuartz by improving efficiency by **10%** and implemented text-display to enhance the **UI/UX**.

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.

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**.