HARSHIT **BAGGA**

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**GitHub**: <https://github.com/harshitbagga/University-Projects>

**LinkedIn**: https://www.linkedin.com/in/774-harshit-bagga/

**Education**

**Lakehead University** Jan 2019 - May 2022

**Bachelor of Computer Science**

• **Courses:** OOP in C++, Mobile Applications, Algorithms, Operating Systems, Data Structures

**Skills**

Languages Proficient: C++, Python, Java, Kotlin, Dart, JavaScript, SQL, PHP, HTML, CSS, Bootstrap, XML.

* Familiar with: CodeIgniter, React.js, Next.js, Flutter, MySQL, PostgreSQL, Apache, Bash, Git, Docker, Adobe XD, Selenium, Sketch, Figma, and TensorFlow, Coggle (For Project Structure Design), MS Office 365, Adobe Acrobat Reader, Adobe Illustrator, Adobe Photoshop, Shockwave, Flash, Corel Draw, Adobe Dreamweaver, Adobe Premiere Pro.

**Professional Experience**

**Upwork(Worked with SLC as freelance developer reference letter available)** Ontario, CA

Freelance Developer Nov 2021 – Currently Working

• Built UI components using JavaScript and Bootstrap for a Startup website.

• Used CodeIgniter framework for efficiency in terms of code and loading time.

**OAS Online Auction System** Technologies: HTML, CSS, JavaScript, Bootstrap, PHP, jQuery, Apache Server, My SQL, Adobe XD.

* PayPal Payment Gateway API was used for payment integration.
* CodeIgniter Framework was used for Code Efficiency and Reduction in Loading Time for the website.

**Card X (Android App)** Technologies: Kotlin, XML, Machine Learning Kit, Android Studio, JDK, Figma

* ML kit was used for text detection to target the information on the card.
* It’s a digital wallet for visiting cards user can design their new card and share it with other users. The user can also update the information of the card which will be changed in shared user wallets as well.

**Tic Tac Toe App**

Technologies: Flutter, Dart, VS Code, Adobe XD

* It’s a simple 2-player tic tac toe game for a phone made with flutter with elegant UI.

**Mini Projects**

* Subway Fast-food Chain logs system Based on Kotlin coroutines
* Game of Life by Jhon Conway’s using Kotlin
* Bacteria 3D/2D version of Game

**Achievements**

* Participated in the NASA Lunar Robotics Design Challenge
* Certified Cyber Security expert by MGSSA

Travelling Preference: Can Commute or Relocate if necessary.