VIRENDRA JETHRA

Brampton, ON | vsjethra13@gmail.com | linkedin.com/in/virendra-jethra | github.com/VJ-13 | vj-portfolio.vercel.app

EDUCATION

Honours Computer Science Co-op (B.A.Sc.), GPA: 3.7/4.0   **Hamilton, ON**
McMaster University   Expected May 2025
Relevant Coursework: Data Structure & Algorithm, Software Development, Databases, Statistics, Comp Archt
Awards: Dean's Honour List, Engineering Award of Excellence

SKILLS

Languages: Python, Go, Java, C/C++, HTML/CSS, JavaScript, SQL, Elm, Haskell, Latex,
Tools/Frameworks: Git, React, NextJS, Tailwind, NodeJS, GitHub, Numpy, Microsoft Suite, DB2, Linux
Concepts: Development Methodologies, Agile Model, SOLID, Unit & Functional Testing, Design Pattern, SDLC

EXPERIENCE

Mobile App Developer   **Hamilton, ON**
MacChangers   Jan 2023 – May 2023
- Collaborated with the team to develop a **Flutter**-based mobile app that offers comprehensive information about Hamilton's green spaces and conservation areas
- Successfully launched the app, resulting in a **40% increase** in engagement among McMaster International Club members

Software Development Intern   **Toronto, ON** (**Remote**)
GAOTek   Jul 2022 – Aug 2022
- Collaborated with a team of developers using **Java** in **Android Studio,** to create a BLE beacon detection app
- Contributed to software design through TortoiseSVN as part of a 50-member group.

PROJECTS

Personal Portfolio | *React, NextJS, Tailwind, Framer Motion, Vercel*   **Jun 2023**
- Developed a personal portfolio website to showcase my projects, experience, and skills
- Utilized responsive web design techniques to ensure the website is accessible and functional across different devices and screen sizes.

Green Go | *Flutter, Google Suite API*   **May 2023**
- Developed a user-friendly mobile application using Flutter, which provides students with comprehensive details about Hamilton's green spaces.
- Integrated translation, favorite places functionality, and estimated travel times into the app

Document Scanner | *Python, OpenCV*   **Mar 2023**
- Utilizes advanced image processing techniques to accurately identify document boundaries.
- Implemented webcam and image upload functionality, enabling users to extract and save documents as image files or apply optical character recognition (OCR) for further processing

Paste-Bin | *Node.js, EJS, Express, MongoDB*   **Jul 2023**
- Developed visually appealing web application mimicking HasteBin for code snippet sharing.
- Implemented secure HTTPS routes and RESTful APIs, showcasing expertise in web development and data handling.

CERTIFICATIONS

IBM Applied AI Course   May 2023

Lyft Back-End Engineering Virtual Experience Program   Jul 2022

CS50x Harvard   Nov 2020