Hemant Bhanot

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EDUCATION

University of Toronto, *Honors Bachelor of Science*   *Sept* 2018 – Aug 2022
- Specialist Computer Science Co-op, Software Engineering Stream, 3rd Year

SKILLS

- **Languages**: C/C++, Java, JavaScript, Python, Groovy
- **Tools**: Jenkins, Docker, Linux, Git, MongoDB, Neo4j DB, JIRA
- **Frameworks**: Spring Boot, Flask, Express, React, Node, jQuery, Flutter, JUnit, Mockito
- **Concepts**: Multithreading, Distributed Systems, CI/CD, Agile, Waterfall, TDD, UML, MVC, NoSQL, REST

EXPERIENCE

Verto Health | **Full Stack Developer**   Sept 2020 – Present
- Develop robust UI and implement responsive website designs using Angular, Vue and JavaScript
- Utilize Ruby on Rails and the MVC framework to develop robust web applications

RBC | **Developer** *(DevOps)*   Jan 2020 – Apr 2020
- Achieved **38% decrease** in code duplication by re-designing software architecture of Jenkins CI pipelines utilizing object-oriented software design patterns and principles in Java
- Demonstrated excellent communication skills by presenting software architectural changes to 25+ tech leads
- Developed and maintained production CI/CD pipelines used by **100+ developers**, utilizing unit testing and mocking frameworks in Java, resulting in **32% increase** in code coverage
- Implemented chatbot and user authentication for a prototype web application using Python Flask framework and MongoDB, *achieving **2nd place** at RBC Tech Innovation Challenge*

Google Developer Student Club | **Software Developer**   Jan 2020 – June 2020
- Integrated Twilio SMS and Google API's within Python to develop a SMS based serverless backend
- Implemented a HTML/CSS data aggregator using SMS technology object-oriented programming in Flutter

Vex Robotics | **Lead Programmer**   Sep 2017 – June 2018
- Demonstrated excellent leadership skills by taking charge of the implementation of self-driving bot algorithm written in Java and leading group of 4 junior programmers
- Achieved **provincial standing** at Vex Robotics 2018 through excellent collaboration and communication skills

PROJECTS

Virtual Queue - *(GitHub, Website)*   *May 2020* – Aug 2020
Technologies: MERN (Mongo DB, Express JS, React, Node JS), Google Cloud
- Queue management system that allows customers to join a virtual queue and store owners/employees to manage it with an easy to use intuitive UI

JavaScript Grid Library - *(GitHub, Website)*   June 2020 - Aug 2020
Technologies: JavaScript, jQuery, HTML/CSS
- JavaScript library which abstracts CSS grid creation and adds dragging and swapping functionality to grid elements with an easy to use API

Trip Advisor Clone - *(GitHub)*   Oct 2019 - Dec 2019
Technologies: Java, Spring Boot, Google Cloud, MongoDB, Git, JIRA
- Cross platform mobile application with a robust algorithm that determines best possible trips users can take based on parameters using Google API's (Maps, Directions, etc.)