Hemant Bhanot

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EDUCATION

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

SKILLS

- **Languages**: Python, Java, Groovy, JavaScript, C
- **Tools**: Jenkins CI/CD, Docker, Linux, Git, SVN, 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 and Vue JS frameworks
- Utilize Ruby on Rails and the MVC framework to develop robust web applications

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

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 self-driving bot algorithm and leading the junior programmers to implement manual robot control algorithm
- Achieved provincial standing at Vex Robotics 2018 through excellent collaboration and communication skills

PROJECTS

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.)

Real time Sentiment Analysis - *(Dev Post, McHacks)*   Feb 2020
Technologies: React, JavaScript, Python Flask, Git, Google Cloud
- Web application that performs voice sentiment analysis in real time using Web Sockets and detects emotions such as anger or sadness by connecting IBM NLU and Google Speech to Text API's

Music Application Simulator - *(GitHub)*   Feb 2020
Technologies: Java Spring Boot, MongoDB, Neo4j DB, Git
- RESTful API for a music application implemented using the microservice architecture in Java that lets users add/delete friends, like/unlike songs in their playlist and follow/unfollow users