


Parth Thakkar

Software Engineer

 <https://www.parththak.me>

 [linkedin.com/in/parththak](https://www.linkedin.com/in/parththak)

 parth.thakkar@mail.utoronto.ca

 (647)-740-7982

 Toronto, Ontario

 github.com/parththak

SKILLS

Languages

Python, Java, JavaScript (React, Node, Express),
C, HTML, CSS, SQL

Tools

Docker, Dialogflow, Firebase, JIRA, MongoDB,
MySQL, BitBucket

EXPERIENCE

Architech | Software Engineer Co-op

Toronto, ON | September 2019 – December 2019

- Implemented a **Google Assistant** voice and text based conversational interface for a client that supports several flows using **Dialogflow**, **Firebase**, **NodeJS** and successfully deployed the application on **Google Cloud Platform**.
- Reduced the user wait time by up to 30% by minimizing database calls and optimizing user queries to provide a smooth user experience.
- Developed a vocal user interface using **Dialogflow** and **Microsoft Azure** to allow all employees to book meeting rooms on Outlook using Google Assistant on their mobile devices effectively saving valuable time.

IFDS | Software Developer Co-op

Toronto, ON | September 2018 – December 2018

- Managed changes and fixed defects using JBoss IDE for a **Java** and **AngularJS** web application for several different clients and ensured the application meets quality assurance standards.
- Tested and deployed server-based web applications using **Jenkins** automation server and managed repositories using **JIRA** project management tool and git version control.
- Updated the back-end database with new client information by adding and modifying columns using **SQL** queries on the **MySQL** Workbench application to ensure the customers can access up to date information.

CIBC | Application Developer Co-op

Toronto, ON | January 2018 – April 2018

- Developed **Informatica** transformations and **SQL** queries to manipulate data and use the **ETL** process to load the data into a target table, allowing the data to be documented.
- Documented **Autosys** jobs to provide a detailed overview of the files affected and the box jobs which enabled team members to easily access the job flows to implement them.

EDUCATION

University of Toronto | Hons. B.Sc. in Computer Science

Specialist in Software Engineering | September 2016 – Expected **April 2021**

PROJECTS

CrewTube | Programming on the Web

April 2020

- Developed a web application that allows for synchronized viewing of Youtube and Twitch media with video and text chat using **Socket.IO** and **WebRTC**.
- Implemented the user interface using **React.js** which interacts with a **MongoDB** NoSQL cloud database using **GraphQL** queries to allow for fast data transfer of user information.