

Angad Singh

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www.linkedin.com/in/singha95
<https://singha95.github.io/about-me/>

I am a software developer with 3 years of experience with an interest in areas such as back-end development and machine learning.

Work Experience

Software Developer | Bell Canada

June 2020 – Current

- Developed dashboards to display competitor mobile network speeds across Canada using Python Dash, Flask, MariaDB, Elasticsearch and Hadoop.
- Utilized the Slack API to create detailed alerts on market changes of competitors.
- Scrapped webpages to get information about incoming competitor site request, using selenium.
- Utilized the Atlassian suite (JIRA, Confluence) to maintain clear communication with team members.
- Technologies: Python, Flask, HTML/CSS, SQL, Docker, Git

Technical Application Analyst | Tata Consultancy Services

Feb 2019 – May 2020

- Develop queries and scripts to give accurate reports of potential fraudulent transactions or missing transactions to assist with the development of the application.
- Support production environment and resolved any failures or memory issues to ensure that the application was performing as expected.
- Technologies: Bash, PowerShell, SQL, Hadoop, DB2, Apache NiFi

Project Engineer | Evertz Microsystems

May 2018 – Jan 2019

- Automated the pre-processing and transcoding of assets so that our customers were able to distribute videos to their respective clients.
- Developed the primary scripts for NBCU's non-linear delivery of assets to media service providers to transfer assets to various locations using different transfer methods, such as Signiant and Faspex.
- Refactored SQL queries and reduced run time of existing queries by 50%, in order to improve migration to a new DBMS (MariaDB).
- Technologies: JavaScript, Python, SQL, DB2, MariaDB, Git

Technical Skills

Languages:	Python (Experienced), SQL (Experienced), JavaScript (Proficient), C/C++ (Proficient), C# (Proficient), Bash (Proficient), Java (Prior Experience), MATLAB (Prior Experience)
Frameworks/ APIs:	Numpy (Experienced), React (Proficient), Node.js (Proficient), Bootstrap (Proficient)

Personal Projects

MLB Analytics | JavaScript, Bootstrap, React, Node JS

Aug 2019 – Sept 2019

https://github.com/singha95/mlb_analytics

- Utilized the MLB Stats API to create an interactive web app that will display stats and rosters of MLB teams.
- Deployed the web app using Heroku. (<https://mlb-player-analytics.herokuapp.com/>)
- Implemented support for mobile devices to ensure that the app is compatible with multiple devices.
- Performed user testing to receive feedback to help make the UI more engaging and easier to use.

Education

Honors Bachelor of Science, Specialist in Computer Science

University of Toronto

Focus in Artificial Intelligence