Angad Singh

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

I am a software developer with 4 years of experience with experience in back-end development and web development.

Work Experience

Software Developer | Government of Canada   **Aug 2021 – Current**

- Developing web applications to be used internally by the government. Following agile methodologies using the Atlassian suite (JIRA, Confluence) to ensure stable deployments and clear communication.
- Develop backend service for converting and archiving documents for future inquires.
- Integrating services with application to add new features including report conversions and frontend dialogs.
- Improving data management by assuring data is deleted from database and rollbacks are done appropriately.
- Technologies: JavaScript, Java, Angular, HTML/CSS, Docker, Git

Software Developer | Bell Canada   **June 2020 – July 2021**

- 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 in order help predict competitor announcements or changes.
- 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

Project Engineer | Evertz Microsystems   **May 2018 – Jan 2019**

- Automated the pre-possessing and transcoding of assets so that our customers were able to distribute videos.
- 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 queries by 50%, to migrate to a new DBMS (MariaDB).
- Technologies: JavaScript, Python, SQL, DB2, MariaDB, Git

Technical Skills

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

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.
- Implemented support for mobile devices to ensure that the app is compatible with multiple devices.
- Preformed 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