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 back-end development and machine learning.

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.
- Integrating new services to work seamlessly with application in order to add new features.
- 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 (Proficient), Java (Proficient), C/C++ (Proficient), C# (Prior Experience Proficient), Bash (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.
- 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.
- 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