

Jasmeet Brar . Jarvis Consulting

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Skills

Proficient: Java, Linux/Bash, RDBMS/SQL, Agile/Scrum, Git, Python, C, C++, HTML, JavaScript, TypeScript, React

Competent: CSS, PHP, Numpy, NodeJS, Docker, MongoDB

Familiar: VueJS, Styled Components, AWS ECS, DynamoDB, GitHub Actions

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_JasmeetBrar

Cluster Monitor [GitHub]: Implemented a monitoring agent that can track the hardware specifications and usage throughout time of host machines and store their data in a database. The monitoring agent is programmed using Bash, and Postgres is used as a database, which would run in a Docker container. Testing was all done on a CentOS 7 virtual machine running on the Google Platform. Every script was tested manually to ensure that they all adhere to their specifications.

Core Java Apps [GitHub]:

- Twitter App: Curabitur laoreet tristique leo, eget suscipit nisi. Sed in sodales ex. Maecenas vitae tincidunt dui, et eleifend quam.
- JDBC App: Curabitur laoreet tristique leo, eget suscipit nisi. Sed in sodales ex. Maecenas vitae tincidunt dui, et eleifend quam.
- Grep App: Curabitur laoreet tristique leo, eget suscipit nisi. Sed in sodales ex. Maecenas vitae tincidunt dui, et eleifend quam.

Springboot App [GitHub]: Not Started

Python Data Analytics [GitHub]: Not Started

Hadoop [GitHub]: Not Started

Spark [GitHub]: Not Started

Cloud/DevOps [GitHub]: Not Started

Highlighted Projects

Simple C Compiler [GitHub]: Architected and designed a compiler in an ongoing project that can compile a simplified version of C to Assembly or x86_64. The source files are written in C++ and it uses CMake as a build system. CI/CD is done using GitHub Actions, and it is also used to automate testing done with CTest.

Simple Toy Language Compiler [GitHub]: Worked in a team of four to develop a compiler that can compile a simple programming language into instructions that a VM can execute. The project was primarily done using Java and Apache Ant build system, while JFlex was used as a lexical analyser, and Java CUP was used as a parser. Testing was automated using a Bash script that would run the compiler at various stages and check with our test cases.

Professional Experiences

Software Developer, Jarvis (2020-present): Donec mattis sed justo et sagittis. Vestibulum lacinia nulla ipsum. Curabitur imperdiet nibh vitae leo lacinia laoreet. Nullam accumsan, lectus ut maximus ultricies, augue justo egestas mi, vel bibendum felis.

Tutor, XYZ Company (2019): Donec mattis sed justo et sagittis. Vestibulum lacinia nulla ipsum. Curabitur imperdiet nibh vitae leo lacinia laoreet. Nullam accumsan, lectus ut maximus ultricies, augue justo egestas mi, vel bibendum felis.

Education

XYZ university (2012-2016), Bachelor of Applied Sciences, Electrical and Computer Engineering - Scholarship - Dean's List (2015, 2016): Ut enim ad minim veniam - GPA: 3.8/4.0

XYZ university (2016-2018), Master of Engineering, Electrical and Computer Engineering

Miscellaneous

- Udacity Machine Learning (2019)
- Winner
- Basketball player
- Competitive gaming
- Volunteer, ABC Food bank: Ut enim ad minim veniam