

Yajiv Luckheenarain . Jarvis Consulting

My name is Yajiv Luckheenarain and I hold a Bachelor's degree in Electrical Engineering from McGill University. Professionally, I have worked as a software engineer intern, specializing in data and testing, at Soundskrit INC. What excites me most about the software industry is the rapid advancements in machine learning and artificial intelligence. I am passionate about leveraging these technologies to automate tasks and enhance efficiency.

Skills

Proficient: Java, Linux/Bash, Python, Agile/Scrum, Git, Computer Vision

Competent: RDBMS/SQL, C++, ARM (Advanced RISC Machine), Verilog (Hardware Description Language), DSA (Data Structures and Algorithms)

Familiar: Docker, Google Cloud Services, C, AWS (Amazon Web Services), Docker

Jarvis Projects

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

Cluster Monitor [GitHub]: Implemented a robust system monitoring solution, utilizing Dockerized PostgreSQL and Bash scripts for efficient data collection, storage, and management in a Linux environment.

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

Reinforcement Learning Ms.Pacman: Developed a reinforcement learning model to train an agent to play Ms. PacMan autonomously. Implemented deep Q-learning algorithms with hyperparameter tuning to optimize the model's gameplay strategy. Utilized OpenAI Gym environment and Pygame library for simulation and visualization of Ms. PacMan gameplay.

Professional Experiences

Software Developer, Jarvis (2024-present): Implemented various projects utilizing various technologies including Linux/SQL/Python/Hadoop/Springboot/Spark/Cloud/DevOPS

Electrical Engineer Intern, Soundskrit INC (2022-2024): Designed and implemented MySQL databases. Developed Python scripts to abstraction batch scripts responsible for configuring bias and gain voltages in microphones.

Education

McGill University (2020-2024), Bachelor of Engineering in Electrical Engineering, Electrical and Computer Engineering - Golden Key Member (McGill top 15%) - GPA: 3.75/4.0

Miscellaneous

- HackerRank Software Engineering
- Excellence Bursary for Computer Science, Computer Engineering and Computer Construction, and Electrical, Electronic and Communications Engineering
- Volleyball player
- Chess Player
- Pianist
- Bouldering