

Deepak Elango . Jarvis Consulting

Electrical Engineering had taught me that even the most complicated problems could be solved by one consistently educating yourself and by two breaking it down into smaller pieces. As a Junior Data Engineer at Jarvis, I was able to participate in various challenging projects using an Agile/Scrum framework that allowed me to become proficient in technologies like Java, Git, SQL, Bash, Maven, and Docker. My interest in the Software Engineering field stemmed from a basic heart-beat alarm clock that I made for my mom's birthday, something about the process of solving a complex problem by writing a few lines of code on the computer made me fall in love with the field. Over the next few years, I would go on to teach myself data structures, algorithms, and programming through various personal projects. *[Portfolio: https://drive.google.com/drive/folders/1k76_DsM81lgf7jHYU-8jScSd8Mnhv7kO?usp=sharing]*

Skills

Proficient: Java, Linux/Bash, RDBMS/SQL, Agile/Scrum, Git/GitHub, Maven

Competent: Google Cloud Platform, HTML/CSS/PHP/Javascript, Matlab, C, C++, Data Structures/Algorithms

Familiar: Python, Verilog, Assembly, Operating Systems, Android Development

Jarvis Projects

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

Cluster Monitor [GitHub]: Developed a Cluster Monitoring Agent for the Linux Cluster Administration Team at Jarvis to monitor and gather data on hardware and resource usage in their system. This provided valuable information for the team as they can now analyze and derive solutions from analyzing the data to efficiently allocate resources in the future. The project was designed, implemented, tested, and deployed with; *Git, Docker, Bash Scripts, CentOS 7, PostgreSQL, and Google Cloud Platform.*

Core Java Apps [GitHub]:

- Twitter App:
- JDBC App: Constructed the JDBC application to perform CRUD operations using DAO and DTO design patterns on a PostgreSQL retail store's database.
- Grep App: Created the Java Grep Application which is an implementation of the Linux Grep command which search for a string of characters in a given directory and outputs them to another file. The application was created with Java SE 8 Lambda/Stream API's with Apache Maven and deployed using Docker.

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

Web app for restaurant [GitHub]: Suspendisse a tincidunt odio. Suspendisse posuere luctus aliquet. Quisque magna tellus, tempor vitae arcu sed, volutpat scelerisque lacus. Aliquam varius pulvinar dapibus. Ut a tincidunt sem. Aenean sollicitudin fringilla erat ut imperdiet. Phasellus fermentum, enim vitae laoreet elementum, eros nisl hendrerit lorem.

Machine Learning: Suspendisse a tincidunt odio. Suspendisse posuere luctus aliquet. Quisque magna tellus, tempor vitae arcu sed, volutpat scelerisque lacus. Aliquam varius pulvinar dapibus. Ut a tincidunt sem. Aenean sollicitudin fringilla erat ut imperdiet. Phasellus fermentum, enim vitae laoreet elementum, eros nisl hendrerit lorem.

Professional Experiences

Software Developer, Jarvis (2020-present): Gained fundamental skills in Communication | Adaptability | Patience | Responsibility | Confidence

Public Relations Sector, (various positions) (12+ years): Various companies [*Carleton Athletics, City of Toronto, Sick Kids/Sunnybrook Hospital, Toronto Corporation and Condominiums, Teleperformance, Food Sector [Pizza Pizza / Eggsmart], Private Tutor*]. Gained fundamental skills in Communication | Adaptability | Patience | Responsibility | Confidence

Education

Carleton University (2016-2021), Bachelor of Engineering, Electrical and Computer Engineering - Carleton University Entrance Scholarship - Sprott Foundation Scholarship Recipient [2017/2020]

Miscellaneous

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