Anoop Musale

Skills:

Programming Languages:	Java, Python, C, Shell scripting, Perl
Databases:	Oracle SQL, MySQL, PostgreSQL
Tools & Others:	Informatica Power Center, Git, Spring, Websphere Message Broker

Professional Experience:

Software Engineer at Nationwide insurance   2019 - Present
Tata Consultancy Service, Columbus, OH

- Provide technical leadership and support for inbound/outbound data integration (ETL), maintenance/tuning of applications.
- Worked with data architect to implement required features efficiently in Informatica using different data sources.
- Tunned SQL queries and Informatica code to make ETL jobs to run faster. Decreased the runtime from 7hrs to 5 hrs.

Projects:

Steganography Web Service

- Developed and developed a web service using JavaScript, REST and NodeJS, for concealing message in the image.
- User can upload an image and the message to be concealed. REST API was used to get and post the data.
- Encryption and decryption of the message was also performed using Base64, just to explore the possibility of encrypting and storing data in the image.

Titanic: Machine Learning from Disaster

- Developed a machine learning models in Python, using Pandas, NumPy and Matplotlib packages, for classifying on the given data whether a passenger will survive the disaster or not.
- Trained models using Decision Tree, K- Nearest Neighbors, Logistic Regression, Naïve Bayes, Random Forest and Support Vector Machine (SVM).

CPU Simulator

- Designed and developed a program that replicates the working of CPU, using Java. Program accepts and performs all the basic instructions 8-bit and 16-bit operations.
- Implemented core concepts of Computer Architecture and Organization.

Cancer Recognition

- Implemented classification models in Java, for detecting and classifying of the type of cancer a patient may have.
- Models were trained using Support Vector Machine (SVM) and Decision Tree, on the dataset of 100,000 patients.

Education:

M.Sc., Computer Science
State University of New York, Binghamton   *Aug 2017 – May 2019*

B.E, Information Technology
Mumbai University   *Aug 2013 – May 2017*