Shreya Gokhe

1-551-260-0302 | Jersey City, NJ | sgokhe@stevens.edu | shreya-gokhe | shreyagokhe | M @shreyagokhe

EDUCATION

Stevens Institute of Technology, Hoboken, New Jersey *Expected May 2021*
Master of Science in Data Science, GPA: 3.4/4.0
Relevant Coursework: Advanced Optimization Methods, Applied Machine Learning, Dynamic Programming and Reinforcement Learning, Time Series Analysis

Usha Mittal Institute of Technology, SNDT Women's University, Mumbai, India *Jun 2017*
Bachelor of Technology in Computer Science and Technology, GPA: 5.47/6.0
Relevant Coursework: Data Structures and File Processing, Advanced Databases, Data Mining and Warehousing, Cloud Computing

TECHNICAL SKILLS

Programming Languages: Python, R, Java
Databases: MySQL, PostgreSQL
Big Data Tools: Apache NiFi, Apache Hive, Apache Spark, Hadoop
Visualization Tools: Zoomdata, Tableau
Project Management & Office Tools: IBM Rational, Microsoft Excel, Atlassian Confluence, SharePoint, TIBCO Jaspersoft, GitHub
Courses and Certification: Introduction to SQL for Data Science, Spark & Python for Big Data with PySpark

PROJECTS

MovieLens- A Movie Recommendation System *Apr 2020*
- Used **Item-based Collaborative Filtering** Algorithm on 20M dataset to recommend movies based on movies watched
- Calculated and achieved **RMSE** values of test and train data as 1678.72 and 114.97 respectively

ASHRAE- Great Energy Predictor III *Apr 2020*
- Used **time series** dataset having three years of hourly meter readings from one thousand buildings to develop accurate models of metered building energy usage with **R**
- Implemented linear regression to obtain the residuals, F-statistics, and standard error for each type of buildings to determine whether investments made for improvements are worthwhile.

Prediction of Cardiovascular disease based on gender using ML Algorithms *Nov 2019 - Feb 2020*
- Implemented **Logistic Regression** on important features to predict the gender having cardiovascular diseases
- Gained an accuracy of 88.1% for logistic regression algorithm

PROFESSIONAL EXPERIENCE

Jio, Navi Mumbai, India
Data Engineer *Jul 2018 - Jun 2019*
- Designed data pipelines using Apache NiFi processors and ingested data in Jio's Big data lake using RegEx efficiently
- Synthesized Zoomdata instructional material into a cohesive guidebook used by Big Data Analytics Team resulting in a streamlined onboarding process
- Refined and optimized existing HiveQL queries responsible for generating tables in Apache Hive
- Assembled and documented business requirements in collaboration with business analysts for a project which dealt with ingestion of Indian Social Security data
- Collaborated with upper management as team's single point of contact for assisting in the deployment of 122 successful project

Jio, Navi Mumbai, India
Engineer Trainee *Jul 2017 - Jul 2018*
- Performed User Acceptance Test on the Jio's messaging and digital streaming applications against 1200 test cases on IBM Rational Tool, detected and logged 30% of the bugs
- Acted as liaison between UAT and development teams to efficiently communicate types of issues raised

VOLUNTEER EXPERIENCE

- Functioned as a **Cabinet Member** of **SNDT ACM Students' Chapter** *Sep 2015 - Sep 2016*
- Headed 'Pen IT' – a **Technical Paper Presentation** event during undergraduate studies *Feb 2016*
- Arranged poster making competitions as **Student Volunteer in Digital India Campaign**- a digital transformation initiative undertaken by the **Indian Prime Minister** *Jul 2015 - Oct 2015*

PUBLICATION

- Published an article on **Medium** about creating and visualizing **Choropleth** maps using **Folium** *Jun 2020*