Phone: (703)-980-8259
Email: shahdankit@gmail.com
LinkedIn: linkedin.com/in/ankitdhojshah/
Github: github.com/Ankitshah89

ANKIT SHAH

Education

Skill Distillery, Denver, CO	Graduate (March 8,2020)
Java Full Stack Software Engineering Bootcamp	
Northeastern University, Boston, MA	Aug 2019
Graduate Certificate, Data Analytics	
University of Maine, Orono, ME	May 2017
Master of Arts in Economics, GPA : 3.9	
Truman State University, Kirksville, MO	Dec 2014
Bachelor of Science in Economics, GPA : 3.5	

Skills/Tools

Technical : Java / J2EE; OOP / MySQL/ OOD; Angular; RESTful Service; JavaScript; Spring Boot; Spring MVC; JPA / JDBC; SQL; HTML / CSS / Bootstrap; Gradle / Maven; Git / Github; JUnit; TDD; PairProgramming; Agile / Scrum; Postman; Trello.

R (Shiny, ggplot, dplyr), Tableau, Microsoft Excel, EViews, Minitab, LaTex, Orange, Machine Learning (Concepts, Algorithms & Applications, and Case Studies)

Projects

Quarantine Escape (*link*: http://3.12.249.19:8080/QuarantineEscape/)
- Designed full-stack web-application to help people with events to virtually escape the quarantine. The website provides a list of virtual events with links, event date and time. If users decide to sign up, they are able to RSVP, comment and update their profile accordingly. They are also able to create, update and, delete events they created.
- Incorporated CSS/HTML/Bootstrap for client side and Java and MySQL for server side (most of the heavy work was done in Spring).
- Used Tomcat, Hibernate and deployed to Amazon Web Services (AWS) EC2 instance.

World Bank Database (*link*: http://18.223.137.141:8080/WorldBank/)
- Designed full-stack application to display development indicators for the countries in the world using MVC architecture pattern utilizing C.R.U.D (create, read, update, and delete)
- Incorporated CSS/HTML/Bootstrap for client side and Java and MySQL for server side
- Implemented Data Access Object (DAO) design pattern
- Developed using Java Persistence Query Language (JPQL) for database query and incorporated google maps interaction through country co-ordinates
- Deployed to Amazon Web Services (AWS) EC2 instance

Film Query Application (*link*: https://github.com/Ankitshah89/FilmQueryProject)
- Full-stack Spring MVC web application that allows users to create, update, retrieve, and delete (CRUD) persistent records
- Utilized Spring Tool Suite (Spring Boot) to initialize the project with Git and collaborate with GitHub.

Blackjack Application *(link*: https://github.com/Ankitshah89/BlackJackProject)
- A command line application written in Java that simulates a game of blackjack
- Mostly focused on building classes using the Object-Oriented Programming principles

Beer Recommendation System
- Developed recommendation system for a beer vendor based on rating matrix using Item based and User based collaborative filtering machine learning algorithms and data mining techniques
- Tested the recommendation system using Receiver-Operator-Curve (ROC), precision/ recall tradeoff and Root Mean Square Error (RMSE)
- Compiled and developed a Shiny interactive web application for beer recommendations where the customers can select a beer type and the output displays 10 recommended beers

Burning Glass Technologies
- Designed and developed a normalized database model using MySQL and created efficient relational database based on the entity relationship diagram
- Wrote SQL queries to explore and assess job skills gap in NYC and visualized findings using Tableau to create informative, relevant visualizations and dashboards

- Identified and developed recommendations for allocating workforce development funds in the form of community college scholarships to bridge skilled labor gap in NYC

Stattleship Baseball
- Cleaned and organized raw player and game data from Stattleship API
- Reviewed descriptive statistics and conducted hypothesis testing to validate data using R
- Constructed metrics, dashboards with data analysis and data visualization techniques in R using ggplots and multiple regression analysis of players current salaries to better predict and negotiate future salaries

Professional Experience

Dead Freddie's   **Ocean City, MD**
Assistant Operations Manager   May 2017 – Jan 2020
- In charge of most of the daily operational tasks which includes preparing and reviewing operational reports and schedules to ensure accuracy and efficiency
- Responsible for analyzing internal processes and recommendations and implementations of procedural or policy changes to improve operations, such as supply changes or the disposal of records
- Responsible for staffing requirements, work assignment and schedules for new projects

Mercy Corps   **Portland, OR**
Graduate Policy Research Intern   Feb 2016 – May 2016
- Extracted and analyzed data from Mercy Corps', United Nations and World Bank database to understand and improve the effectiveness of international aid for post-disaster response in Northeastern African nations
- Led and contributed in a team of 4 to develop policies and production of reports and recommendations to appropriate regional head

Bank of the West   **Omaha, NE**
Loan Data Processor   Feb 2015 – May 2015
- Examined HELOC loan documents and financial record of applicants for processing and consulted with the underwriting department if any discrepancies found
- Prepared final loan documents to be sent out to bankers and was a point of contact between the banker and the loan processing team

Background

United States Army Reserves (SSBI Favorable)   May 2017 – Current
Fluent In: English, Hindi, Nepali, Urdu
Interests: Technology, Travel & Tourism, Economics, Soccer, Ski