BHAKTI JADHAV

Buffalo, NY - 14214 | bhaktij910@gmail.com | [LinkedIn](#) | [GitHub](#)

EDUCATION:

University at Buffalo | Buffalo, NY   **Expected Dec 2020**
Master of Science in Computer Science   3.42/4.0
University of Mumbai | Mumbai, Maharashtra, India   **May 2016**
Bachelor of Engineering in Electronics and Telecommunications   8.37/10.0

EXPERIENCE:

Tata Consultancy Services | Systems Engineer | Mumbai, India   Sept 2016 - July 2019

Project 1: Market Facing Numbers | Frontend and Java Developer
- Developed Java Web Application using J2EE in Agile environment to generate system dump reports for TCS A&I Footprint reporting.
- Created CRUD workflow to ensure correct inputs from user using SpringBoot and Oracle DB.
- Developed user interface using Angular 5 and used REST API to connect frontend with Java application.

Project 2: Knowmax | SharePoint Developer and Administrator
- Worked on SharePoint 2013 which acts as a document repository for all TCS employees.
- Created web application for getting list of full control users and site admins using CSOM.
- Developed PowerShell script for automating workflow for approval of site creation requests.
- Created forms using HTML and CSS and worked on PL/SQL.

SKILLS:

Programming Languages: Java, Python, SQL
Client-Side Development Languages: HTML, CSS, Flex, Angular 5, TypeScript
Server-Side Tools/ Frameworks: Spring Boot, Spring MVC, Maven, JDBC, Node.js, JBoss
Operating Systems: Windows
Tools: Microsoft Visual Studio, Eclipse, Spring Tool Suite 3, IntelliJ, AWS, SharePoint2007, SharePoint2013, MySQL, GIT, Oracle 12c, MongoDB, UiPath, Solr 8.2.0, Jupyter NoteBook, Twitter Developer Account, PostgreSQL
Certifications: Java Programming Essentials, Agile Foundation, Microsoft Office 365, RPA Developer Foundation

ACADEMIC PROJECTS:

OneDataShare: https://www.onedatashare.org/   **Java Reactive Programming**   In Progress
- ODS is a cloud-based managed file transfer system that performs inter-protocol data transfers in a reliable, efficient manner. Currently, I am designing Command Line Interface for this application.

Multilingual Search Engine: Information Retrieval, ElasticSearch   Dec 2019
- Analyzed impact of political rhetoric of influential people by monitoring their twitter account and built a complete IR solution involving content ingestion, search, sentimental and topic analysis.
- Visualized the analyzed data using Banana visualization tool.

Evaluation of IR Models : Solr   Nov 2019
- Implemented and evaluated various IR models by observing performance of IR system using TREC_eval result and improved the search results by tweaking different parameters accepted by the Information Retrieval model, using query parsers and boosting techniques.

Neural Network: Python   Oct 2019
- Built a Neural network with one hidden layer trained and tested on Fashion-MNIST dataset.

Breast Cancer Prediction using Logistic Regression: Python   Oct 2019
- Categorized tumors into malignant or benign using features from digitized image of a fine needle aspirate (FNA) of a breast mass and performed regression on data which provided test accuracy of $\approx 90\%$.

Data ingestion : Python, Solr, AWS EC2, Twitter Development Account   Sept 2019
- Retrieved 50k tweets in multiple languages from user timeline using Twitter API and indexed it using Solr and deployed the project on AWS EC2 instance.