

BHAKTI JADHAV

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EDUCATION:

University at Buffalo Buffalo, NY	Expected Dec 2020
Master of Science in Computer Science	3.62/4.0
University of Mumbai Mumbai, Maharashtra, India	May 2016
Bachelor of Engineering in Electronics and Telecommunications	8.37/10.0

EXPERIENCE:

Amazon | **SDE Intern** | Seattle, USA May 2020 - Aug 2020

Project: Advertising Portal Sauron Version Tracking Tool

- Developed Web Application which enabled the Advertising Portal Team to track the applications consuming packages owned by team to ensure the newest package library version has reached all expected applications.
- Greatly improved the productivity of the Portal team which earlier manually tracked the specific package library build and took big effort to track and communicate with multiple applications in parallel.
- Integrated other team's service for using the API provided by the service to fetch results.
- Built Select functionality to select from default options of packages and displayed the different versions of package as expandable list.
- Programmed Expandable list to fetch details of application consuming the selected package version.
- Built Search functionality to take user defined parameters as input and retrieve applications consuming user mentioned version or commit of the package.
- Developed feature to export the search results as a CSV file, so that it could be easily used to cut ticket in bulk to application owners for package version upgrade.

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.
- Created forms using HTML and CSS and worked on PL/SQL.

SKILLS:

Programming Languages: Java 8, Python, SQL

Client-Side Development Languages: HTML, CSS, Flex, Angular 5-8, TypeScript, React Js

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, Share-

Point2013, 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:

Research Website of Buffalo Botanical Garden:

Spring 2020

- Worked on revamping of user interface, features, plant entry form and database of present basic site.

OneDataShare: <https://www.onedatashare.org/> Java Reactive Programming

Spring 2020

- ODS is a cloud-based managed file transfer system that performs inter-protocol data transfers in a reliable, efficient manner. Designed 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 Model : 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.

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.