

BHAKTI JADHAV

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EDUCATION

University at Buffalo | State University of New York

Master of Science in Computer Science

Expected Jan 2021

GPA : [3.62/4.0]

University of Mumbai

Bachelor of Engineering in Electronics and Telecommunications

May 2016

GPA : [8.37/10]

EXPERIENCE

Amazon | SDE Intern | New York, USA

May 2020 - Aug 2020

Project: Advertising Portal Sauron Version Tracking Tool | Full Stack Developer

- Developed Web Application using Java 8, Spring MVC and React Js which enabled the Advertising Portal Team to track the applications consuming packages owned by team.
- Coded feature to Export the search results as a CSV file to cut ticket in bulk to application owners 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 communicated with multiple applications which **took 4-6 hours**, now it could be **done within 2 seconds**
- Integrated API service to fetch results and Programmed Expandable list, Export to CSV features using React Js.
- Leveraged Agile methodologies to move development lifecycle rapidly through initial design phase to corporate-quality code, testing and final implementation.
- Implemented unit testing with **>90%** coverage using Junit and Mockito to deliver high quality functional features.

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, Python, PL/SQL

Web Development : React.js, Angular 2-8, HTML, CSS, Bootstrap 5, Flex, TypeScript, JavaScript

Frameworks : SpringBoot, Spring MVC, Maven, JDBC, Node.js, JBoss

Tools : Git, Microsoft Visual Studio, IntelliJ, Eclipse, AWS, Sharepoint, Oracle 12c, PostgreSQL, Apache Solr

Certifications : Java Programming Essentials, Agile Foundation, Microsoft Office 365, RPA Developer Foundation

ACADEMIC PROJECTS

House Rental Application (Database Systems) : Java, Spring MVC, Angular 6, Oracle PL/SQL

Spring 2020

- Worked in team of 3 to design a House Rental Web Application to create one stop website for Tenants and Owners.
- Owners were able to add and modify houses and Tenants were able to view houses, sign lease and make payments.

Research Website of Buffalo Botanical Garden :

Spring 2020

- Worked on revamping of user interface and database and developed editing, pagination feature for plant entry form.

OneDataShare : Java, Python

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 : Apache Solr

Nov 2019

- Implemented and evaluated various IR models by observing performance of IR system using TREC_eval result
- 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.