BANI K BHATIA

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SUMMARY

Accomplished Senior Quality Assurance Analyst & EDI Developer with nearly 7 years of experience specializing in functional and manual testing, EDI implementation, and requirement analysis. Proven expertise in ensuring seamless end-to-end website functionality across the US, UK, and Canada healthcare and welfare domain. Skilled in leveraging machine learning models (Word2Vec, TF-IDF, GloVe, SBERT, BERT) for text processing and predictive analytics. Recognized for enhancing healthcare operations efficiency and awarded for outstanding project management and client satisfaction.

WORK EXPERIENCE

Senior Quality Assurance Analyst, BUCK Capability Centre Pvt. Ltd.   **Jul 19 - Jan 23**
(Joined as 'Business Analyst' in 2019 and promoted to senior level in 2022)
Chandigarh,India

PROJECTS:-

Mondelez & Kraft
- Analyzed the client requirements, created test plans & test cases, performed testing and report defects on Mantis tool
- Tested backend jobs on SGS platform to verify the end to end flow - from creating input client file to generating output files
- Verified that the load file generated as an output is uploaded to client portal and SQL database successfully
- Tested the functionality of work/life events for members enrolled in medical & dental coverages and other employee benefits
- Performed interface testing on Employer Cost of benefits (ERCT) report & ERCT changes audit report in UAT & Production environment
- Handled errors & exceptions in client files. Further,modified the bad data present in UAT environment database

WestJet & Honeywell
- Loaded the client file into portal and verified work/life events for members enrolled for health coverages
- Modified health benefits amount for employees using Benplus tool
- Created change request test plan and execute regression testing for the modified code

NOVA Chemicals & Bank of America
- Created test scenarios & test cases for email & letter communication templates
- Tested email & letter templates as a part of clients change request for production deployment

Siemens Energy Limited
- Created test plans and test cases for premium billing reports & drug files for both flex and retiree population and perform testing in UAT & production environment

QBE, TMK & Collins
- Created test plans and test cases for events and communications in UK healthcare domain
- Tested end to end flow for different events on the portal

Associate Implementation Consultant, Edifecs Technologies Pvt. Ltd.   **Mar 16 - Jun 19**
Mohali,India

PROJECTS:-

Anthem
- Performed functional testing of medical and pharmacy claims for different states in USA following STLC (Software Testing Lifecycle) methodologies
- Monitored the claim processing history through Encounter management tool on dev server and reporting bugs in Bugzilla.

Senior World Health
- Tested and validated insurance claim response for different regions in United States on production & UAT environment
- Created 837 transaction batch files for every claim in CSV extract in order to be verified by the client
- Created error logs and exception reports for the client and share through SFTP

Blue Shield of California (BSC) Outbound 834
- Created a custom flow to accept files for various formats and convert it to 834 transaction format
- Executed stored procedure to retain inbound values of intake file and defining them in groovy script as an internal property
- Developed and tested maps to convert data from one file format to another using MapBuilder tool
- Created Electronic Data Interchange (EDI) test files using SpecBuilder tool and validated it against guidelines, used error handling mechanism to suppress different types of errors in the inbound file

National Accounts Service Company LLC (NASCO) FloridaBlue & Upgrade
NASCO Florida Blue

- Developed designing routes using Edifecs Application Manager (EAM), maps (using MapBuilder) leveraging significant improvement in healthcare operations by 12%
- Installed Edifecs products and third party software like tomcat, active MQ, published dashboards developed in Tableau on client server using Datamart database
- Deployed the artifacts from lower environments to higher environments like production, UAT,Stage
- Created reporting mechanism using SQL queries , Trading Partners, Business agreements using Transaction Management Tools to accept 834 transactions and generate acknowledgements (TA1 and 999)
- Created Business rules using core java on xml file and updated the guidelines rules using Javascript

TECHNICAL SKILLS

LANGUAGES : Core Java,Python,JavaScript,HTML,XML,Bootstrap,JQuery,,ASP.NET,CSS,C#,XAML,PHP
DATABASE : MySQL, Toad for Oracle, SQL Developer, SQLserver, MariaDB, HeidiSQL
TOOLS : Eclipse, NetBeans, Android Studio,Tableau, Rules Studio, WampServer, IBM Worklight, Active MQ,Darwin Apache Tomcat Server, MS Office, Astrogrep, Bugzilla, Jenkins, Visio, MapBuilder, SpecBuilder, XEngine, XEServer, Tortoise SVN, GitHub, Mantis, Openair, Notepad++, BeyondCompare, SharePoint,Jira,SQL Developer
EDIFECS B2B TOOLS: Edifecs Application Manager (EAM), Health Insurance Exchange (HIX), Transaction Management (TM), HIPAA Transactions: 834, 837, TA1, 999, 277CA, Revenue Reconciliation Management (RRM)
BUCK TOOLS : SGS platform, BenPlus, Benflex platform

EDUCATION

Master of Science, Computing   **Jan 23 - Jun 24**
Edinburgh Napier University, United Kingdom

Bachelor of Technology, Computer Science Engineering   **Aug 12 - Jun 16**
I.K Gujral Punjab Technical University, India

ACADEMIC PROJECTS

Paraphrase Identification for Plagiarism Detection using Word Embeddings   **Jan - May 24**
- Created Python notebook with open source Quora & MRPC dataset and trained models like Word2Vec,TF-IDF, Glove, SBERT and BERT to identify paraphrases for plagiarism detection.

Battleship Game   **Nov - Dec 23**
- Created Battleship game using core Java where user can fire the ships placed on 10x10 grid and earn points. Added advanced features to it using File input output streams

Help the Community   **Nov - Dec 23**
- Created WPF application using C# and XAML to help the community to match volunteers with the client

Vote With Your Wallet   **Apr - May 23**
- Created a causes website using ASP.NET core, Bootstrap where users can sign a cause. Admin can delete a cause through their account and users can register themselves as a member and then create a cause

Flower Delivery Shop   **Apr - May 23**
- Created a flower delivery shop website using PHP,HTML & CSS where users can create account to order the fresh flowers

MSC DISSERTATION

https://github.com/banibhatia/msc_dissertation/blob/main/MSc Paraphrase_Identification_for_Plagiarism_Detection_using_Word_Embeddings.pdf

ACHIEVEMENTS

- Achieved **'Star Team of the Month'** award in April'2022 for best performance in Buck
- Achieved two **'Silver Star Performer'** awards in August'2020 and December'2020 in Buck for an extraordinary performance in handling client projects independently
- Awarded with **'Spot Award'** in Edifecs for an exemplary performance in implementing business improvements for the clients
- Attended the comprehensive vantage course in Spoken English and Personality Development from British Council Educational Society, Chandigarh
- Worked as a Student Ambassador in a STEM & graduate open event conducted by Edinburgh Napier University
- Worked as an Activity leader at St. Andrew's College of Language School
- Attended the Student Workshop for Active Learning Spaces at Edinburgh Napier University
- Worked as a Venue Operations Team Member at Edinburgh University Student Association
- Worked as a part time Laboratory Demonstrator at Edinburgh Napier University for Computer Systems and Web Design modules