Professional Experience Sopra Steria

Akshit Bhatia

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**Tributum, Germany JAVA October 2015 to August 2018**

* It is a web application designed for banks like DeutschBank or HVB in Germany.
* It is used by different banks to create taxation reports of the account holders of German Banks.
* As a developer, I am involved in all aspects of developing new functionalities and architectures satisfying the customer’s requirements.
* The framework used is hibernate and Java. The DB used is mySQL. The front end is built on React JS.

**EUIPO, Spain JAVA 10 August 2018 to Present**

* This project uses the latest technology stack like JAVA 8, spring MVC, React JS, Elasticsearch, MongoDB, Alfresco
* It manages the patent created and used in European markets.
* The software was created in a team of 5 people.

**FaceRecognition Python**  **January 2018 to 25 May 2018**

* The FaceRecognition software prevents the unknown user to access the workstation folders using the facial recognition system.
* I lead the team and delivered this product successfully.
* Python and Tkinter is used to write the source code and GUI of the application.
* **OpenCV and pillow libraries** are used to import the facial recognition modules and the camera calibration modules.

**TextRank Algorithm Java July 2017 to December 2017**

* implemented this algorithm using Java and **Natural Language Toolkit.**
* extracted important words from a passage of text.
* This reduces the human efforts in reading the text and select important words.

**Automatic Defect Assignment Python 1 June 2018 to Present**

* In support projects, there are tickets related to different modules. This application will categorize the ticket and will assign it to the appropriate module.
* **Supervised Learning with Logistic Regression** is used to predict the module name for the ticket.
* The historical data consist of some tickets assigned to different modules in the form of csv sheet and is read by **pandas data frame**
* Based on the Logistic Regression - count vectoriser model, the new ticket is predicted and appropriate module is assigned.
* This tool aims to reduce the manager’s role in assigning this ticket to appropriate module and also can be used in other scenarios like rating the review on hotels, movies etc based on the previous reviews etc.

Academic Projects

**InfoRank Algorithm Python January 2015 to April 2015**

* Rank reviews based on the information present in the review and also categorise it as either a positive or a negative review.
* imported **NLP** concepts using Natural Language ToolKit and implemented the code in Python language
* Published the thesis in the journal: International Journal of Current Research

Academics

**Bhagwan Parshuram Institute of Technology – Bachelor of Technology, 2015**

(Affiliated to Guru Gobind Singh Indraprastha University)

**Subject:** Computer Science and Engineering **73.5%**

**St. Margaret Sr. Sec. School - All India Senior School Certificate Examination**

**2011**

Central Board of Secondary Examination **76.2%**

**St. Margaret Sr. Sec. School - All India Secondary School Certificate Examination**

**2009**

Central Board of Secondary Examination **86.8%**

Skills

**Language:**  Java and Python

**Web Technology:**  JavaScript and React JS

**Frameworks:** NodeJS, Spring, Elasticsearch and mySQL, hibernate, NLTK, Alfresco,

Machine Learning

Publications

**Inforank**: an approach for review ranking; published in International Journal of Current Research - Peer Reviewed open Access Journal.

Achievements

* Completed A1 German Language Certificate from Goethe Institute in 2017
* Achieved the best ranking of 1433 at CodeChef, a Coding Competition platform
* Placed at Rank: 5196 in the Techgig Code Gladiator, India’s largest coding competition platform.
* Received different awards at Sopra Steria for the good performance.