**Tanvi Sawant**

+91 986-986-0554 [tanvi.sawant94@gmail.com](mailto:tanvi.sawant94@gmail.com)

<https://www.linkedin.com/in/tanvi-sawant-281599102/> <https://github.com/TanviSawant94>

<https://tanvisawant94.github.io/>

**WORK EXPERIENCE**

|  |  |
| --- | --- |
| **Software Developer, Accenture Solution Private Limited**  *(Java, Spring)* | **Apr 2018 to Present** |

* Developed multiple Restful APIs using Spring framework.
* Migrated Data from client’s old system to client’s Master Data Management System.
* Created complex and nested queries and packages using Informatica Master Data Management tool.
* Developed JUnits to increase the code coverage.

|  |  |
| --- | --- |
| **Automation Test Developer, Accenture Solution Private Limited**  *(Java, Selenium IDE, Selenium WebDriver, AutoIt )* | **Nov 2016 to Mar 2018** |

* Developed test suite as per the requirements of the client for the web based application using Java.
* Created and maintained multiple Automated TestScripts for client’s application using Maven.
* Followed strict Agile methodology.

**EDUCATION**

|  |  |
| --- | --- |
| * **Bachelor of Engineering, Information Technology. (August 2016)** | **University of Mumbai** |
| *(Relevant Course): Data Structure & Algorithms, Advance Database Management, Data Warehouse, Data Mining and Business intelligence, Object Oriented Programming, Computer Networks, Network Security, Software Engineering, Software Testing, Operating System, Advance Java Programming* | *Mumbai* |

**SKILLS**

* Programming Language: Java, Spring Framework, C, Python, R, JavaScript.
* Web Application Skills: HTML, PHP and CSS, WordPress.
* Database: SQL, MySQL, PL/SQL, Microsoft SQL Server.
* Big Data: Hadoop, MapReduce, PIG, SPARK, Hive.

**PROJECTS**

**Application to predict diabetes. (R, Machine Learning)**

* The software calculates KPIs such as BMI, Blood Pressure and Glucose for an individual.
* The application reveals if the user is diabetic or not, and also predict the amount of risk of being diabetic .
* The application works on Adaptive Neuro-Fuzzy Inference System.

**Automatic Generation of Test Paper using Apriori Algorithm and Shuffling Algorithm. (Java, MySQL)**

* The software allows you to create question bank for various programs, classes, chapters and store your data in an organized way.
* The tests can be exported to word file with your institute’s header and footer and also optimized for printing to save on paper.
* Questions from the corresponding category is fetched by Apriori algorithm. Firstly, it fetches for the specified category name/subject name. The algorithm then searches for the difficulty level.

**Analysis of Yelp Dataset (Apache Spark SQL)**

* We did a fusion of dataset provided by yelp with other publicly available dataset for population, income and weather to observe various interesting pattern about people, cultural trend, seasonal trends on local businesses.

**Data Mining on Insurance Services (Java and Web Programming)**

* The project is based on Data mining used for insurance services, based on classification and regression algorithm.
* We take input from users and suggest them appropriate policy. Team leader with a team of 3 members.

**Online Blood Donation Centre “www.save3lives.com”. (Php and MySQL)**

* Save3lives is a website that brings voluntary blood donors and those in need of blood on to a common platform.
* Through this website, we seek donors who are willing to donate blood, as well as who needs it.

**Other Projects**

* Placement and Attendance system using Naïve Bayesian. (Java)
* Software Engineering Implementation of Food Billing System. (Java)

**TRAINING & CERTIFICATIONS**

* Completed Agile Certification at Accenture Solutions Pvt. Ltd.
* Attended Big data, Hadoop, MongoDB, Python, Cassandra and Data Mining training.
* Attended Design Thinking Training Sessions.