

Tanvi Sawant

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WORK EXPERIENCE

Software Developer, Accenture Solution Private Limited

Apr 2018 to Present

(Java, Spring)

- 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

Nov 2016 to Mar 2018

(Java, Selenium IDE, Selenium WebDriver, AutoIt)

- 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.