# Shweta Wadnere (3.1 years of Experience)

| Objective | To have a growth oriented career, where I can contribute my knowledge and skills to the organization and enhance my experience through continuous learning and teamwork. |
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| Self Developed Web Application | |
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| Organization | Gov. Polytechnic Employee's Co-Operative Society, Samangaon, Nashik |
| Duration | 2 Months |
| Details | Developed a web application named at www.gnpssociety.org for showing monthly details of employee's loan status and news update of Pathsanstha. |
| Technology | Core Java, Adv. Java, Java Script, MySQL, HTML, CSS |

| Recent Experience | |
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| Company | Procit India, Nasik |
| Duration | June 2017 – July 2018 |
| Designation | Data Scientist |
| Work Responsibilities | Developing ETL projects for Dutch clients using ETL platform: Talend (Java based) + SQL Server handling (Writing Store Procedures and Triggers) +writing XSLs to transform the data. |

### ETL:

- **Extract** is the process of *reading data* from a database. In this stage, the data is collected, often from multiple and different types of sources.
- **Transform** is the process of converting the extracted data from its previous form into the form it needs to be in so that it can be placed into another database. Transformation occurs by using rules or lookup tables or by combining the data with other data.
- **Load** is the process of writing the data into the target database.

Data from one or more sources is extracted and then copied to the data warehouse. When dealing with large volumes of data and multiple source systems, the data is consolidated. ETL is used to migrate data from one database to another, and is often the specific process required to load data to and from data marts and data warehouses, but is a process that is also used to large convert (transform) databases from one format or type to another.

### Talend Tool:

Talend is a Java code generator which makes use of many open source Java libraries, so this means that Talend functionality can easily be extended by integrating Java code into Talend ETL jobs (Small module of the project to execute small tasks).

- Performing one-off pieces of logic using tJava.
- Setting the context and globalMap variables using tJava.
- Adding complex logic into a flow using tJavaRow.

- Creating pseudo components using tJavaFlex.
- Creating custom functions using code routines
- Importing JAR files to allow use of external Java classes

**SQL Server handling (Writing Store Procedures and Triggers):**

- **Store Procedures:**

  Written multiple store procedure to perform several operation on multiple data bases of SQL serves at time such as:

  - Accept input parameters and return multiple values in the form of output parameters to the calling program.
  - Contain programming statements that perform operations in the database. These include calling other procedures.
  - Return a status value to a calling program to indicate success or failure (and the reason for failure).

- **Triggers:**

  Written various triggers to handle DML events performing on different databases of SQL server like on INSERT trigger, on UPDATE trigger and on DELETE trigger.

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| Projects worked on | **AFAS** > There were 4 Project for the client AFAS having similar kind of work flow for handling employees leave management system named as:<br>1.AFAS 1$^{st}$ edition<br>2.AFAS KWS<br>3.AFAS Vialis<br>4.AFAS VSM<br><br>**Nature of Projects:**<br>1. Extracting the client leave data from client web service (SOAP Service) using Talend sub job.<br>2. Validating the data using XSDs to check whether the extracted data is to be sent for further processing or not - using Talend sub job.<br>3. Transforming the web service data using XLS to update in databases and other web services as per customers requirement using Talend sub job.<br>4. Creating SOAP service for client to post the leave request using Talend sub job.<br>5. Accesing the Active directory data for validating the extracted information of employee using Talend sub job.<br>6. Writing multiple store procedures and triggers to Inserting and updated SQL server databases as per employee's information.<br>7. Calling store procedures and triggers from Talend sun Job.<br>8. Posting updated employees information of customer given web service (SOAP Service) |

9.Using integration as well as mediation approach for the development of Talend sub jobs and/ routes

10. Combining all the sub jobs together in a customer given flow of operation to complete the project.

**Degroot** > This project is for workers from different sections to book the hours in customers system. The development includes customers source of information like FTP and web services as well as companies own product (web service information) i.e. **SmartFlow** web service (REST Service).

Nature of project:

1. Accessing FTPs to get the hours information of workers using Talend sub job.

2. Accessing customer's web service to get workers information using Talend sub job.

3. Validating information from FTP and web service with **SmartFlow** database.

4. Transforming the web service data using XLS to update into databases and other web services as per customers requirement using Talend sub job.

5. Writing multiple store procedures and triggers to Inserting and updated **SmartFlow** database as per hour's information.

6. Creating Talend sub job to call store procedures and triggers.

7. Creating Talend sub job to make available **SmartFlow** web service (REST Service) to post new hours of work.

8. Combining all the sub jobs together in a customer given flow of operation to complete the project.

**Esize**> This project is for maintaining details of material, product and vendors, this project includes use of oracle Database as well as SQL server Database.

Nature of Project:

1. Accessing the material, product and vendor information from oracle database of customer using Talend sub job.

2. Transforming the web service data using XLS to update into databases and other web services as per customers requirement using Talend sub job.

3. Writing SP and triggers to insert and update the oracle DB data in SQL server DBs.

4. Creating Talend sub job to call store procedures and triggers.

5. Creating a web service (SOAP Service) for customer to update the new data in DB using Talend sub job.

5. Picking up the customers data from shared location using Talend sub job (using 'tWaitForFile' component).

6. Combining all the sub jobs together in a customer given flow of operation to complete the project.

| Previous Experience 1 | |
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| Company | Infosys BPM Ltd, Pune Phase II |
| Duration | Oct 2015 - March 2017 |
| Designation | Process Executive - Operations |
| Work Responsibilities | Working in Process Automation Team to develop UI part of Materials Management Automation Tool. And, Extraction data from SAP MM Module (R/3) using Java and adv. Java. |

## Process Automation
### > User Interface Development

### UI Development:
Provide the user interface solution to the end user, including the final look, feel and behaviour of the interface in different contexts.
1. Using different components of AWT, Swing and JavaFX to develop user interface for PO creation automation process for the agents.
2. Testing the development on UAT and live for the agent.
3. Installing the updates and training the agents for how to use the product.

### Tools:
1. SAP MM Module (R/3).
2. JDK 8(Java Development tool Kit)

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| Projects worked on | **Procter & Gamble (P&G) > Automating the process of** Purchase Order Creation and Purchase Order Changes using SAP as source of data and using JAVA for user interface development. |


| Previous Experience 2 | |
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| Company | NDIMC Bank, Nashik |
| Duration | Dec 2014 - Oct 2015 |
| Designation | EDP Officer |
| Work Responsibilities | Customizing core banking software as per banks need using **Core Java** and **Adv. Java** + maintain SQL servers for banks daily data handling + taking care of hardware and networking. |

## EDP:
1. EDP stands for electronic data processing systems, and an EDP specialist has direct supervision of large-scale computer systems and related equipment.
2. EDPs consult with management, users and technicians to determine how to use information systems to carry out the organization's functions and fulfil its purpose. Also participate in hiring and training computer staff.

| Projects worked on | **Swift (Core Banking Software purchased from Saraswat InfoTech, Vashi, New Mumbai) >**<br><br>1. The software was developed in core java having data base connectivity with SQL server to store customer information and daily transaction of bank.<br>2. Re-development of the software as per banks need as the software was created for large scale banks and NDIMC was a small scale bank.<br>3. Maintaining SQL servers by day end and day start to sync daily transaction in the system and database.<br>4. Training the staff after testing and installing the new changes of the software.<br>5. Handling network related issues like creating the new LAN checking existing LAN issue. |
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| Academics | | | |
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| Degree | University | Percentage | Class |
| BE<br>Computer | Pune University | 58.14% | Higher Second Class |
| DE<br>Computer | MSBTE, Mumbai | 81.66% | Distinction |
| SSC<br>ENGLISH | MSBSHSE, Pune | 75.38% | Distinction |

**Personal Traits**

- Cognitive Science
- Inquisitive Attitude
- Analytical Abilities

**Declaration**

All the credentials are true and authentic in nature.

| Address | Gajlaxmi Apartment No. 7, Wasan Nagar, Nasik - 422009. |
|---|---|
| Languages | English, Hindi, Marathi. |
| DoB | 30/04/1993. |
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