**NAME: SWETA AGARWALLA**

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## Professional Summary:

* Data Driven Professional having experience as an Oracle PL/SQL developer with key focus on domains like Life science, Healthcare, Supply and Demand.
* Experience in data analysis, data modelling, problem solving, strong database concepts and scripting knowledge with skills such as SQL, PL SQL, Unix, ETL tool like PowerCenter Informatica and Siebel EIM.
* Currently, working as a Senior Software Developer in TCS with a total of **10.8 years of experience (at present, serving notice period).**
* Experience in software designing, developing, testing and issues troubleshooting using Oracle development tools such as SQL Plus, SQL Developer, Toad for programming and maintaining applications.
* Experience in creating PL/SQL objects like Packages, Procedures, Functions and Triggers, Materialized Views, fine tuning SQL queries and improving application performance.
* Good experience in Data warehousing, Data Integration or ETL tools (Extract, Transform, and Load) like PowerCenter Informatica and Scheduling tools like Autosys and Cron jobs.
* Exposure to Unix shell scripting and Oracle Golden Gate.
* Experience in JIRA, Crucible, Top team, and Git hub.
* Good understanding on SDLC processes, spanning requirements/issue management, defect tracking and release management.
* Working experience in CRM Applications (Siebel).
* Working on a Certification in Python Fundamentals from Udemy, Oracle Cloud fundamentals.
* Experience in Agile and SCRUM methodologies.

**Projects:**

1.

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| **Project Name:** | **JDA DM 360** |
| **Client** | INTEL |
| **Role** | Technical Team Lead |
| **Organization** | Tata Consultancy Solutions |
| **Location** | Bangalore, India |
| **Duration** | Oct 2021 - Present |
| **Technology and Tools** | Oracle PL/SQL, SQL, Autosys, GitHub |

**a) Project Description**

This project deals with demand planning solution based on BY's Demand product for Intel Corporation.

It uses BY Demand 360 to enable statistical forecasting for user’s demand planning needs.

**b) Contribution**

* Create high-quality production code (Package, procedure, functions, triggers) in PL/SQL based on various business requirements and provide end to end delivery. This includes working on to gather the business requirements, its impact analysis on existing functionalities, designing specification document, coding, unit testing and user acceptance testing.
* Modify existing interfaces to take care of any existing bugs and defects.
* Solving issues via interaction with client as and when required.
* Addressing team member’s concerns and helping them bring up to speed.

**2.**

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| **Project Name:** | **CTMS (Clinical Trial Management System)** |
| **Client** | Internal |
| **Role** | Senior Software Engineer |
| **Organization** | IQVIA (QuintilesIMS) |
| **Location** | Bangalore |
| **Duration** | Mar 2015 – Sep 2019 |
| **Technology and Tools** | Oracle PL/SQL, Informatica PowerCenter 10.1.1, Siebel- EIM, Golden Gate |

**a) Project Description**

The project objective is to create a system that accelerates global service delivery by streamlining clinical trial processes, enhancing productivity, improving customer and site relationships, and creating greater transparency. It deals with components like Site Visit Reports, Subject tracking, Protocol set-up, Site Management and many more. Currently it has more than 10,000 active CTMS users.

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**b) Responsibilities**

* Developed ETL code or Oracle Packages or Stored Procedures, unit testing and setting up the manual build.
* Coordinate with stakeholders to ensure proper testing of the code (IT, UAT) and smooth deployment into production
* Periodically report status to client, address their queries and concerns
* Debug issues in Production and fix the bugs.
* Travelled to work (RTP, USA) on a new independent sub-project.

**3.**

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| **Project Name:** | **Patient Recruitment** |
| **Client** | Internal |
| **Role** | Senior Software Engineer |
| **Organization** | IQVIA |
| **Location** | Bangalore, India |
| **Duration** | June 2018 – Sep 2019 |
| **Technology and Tools** | Informatica PowerCenter 10.1.1, SQL, PL/SQL, Cronjobs |

**a) Project Description**

This project deals with bringing Patient data from different standard sources as a form of common set of extracts after which it is cleansed through ETL process for consistent loading into operational data store system through common transformation rules (informatica framework) and after loading it is transformed and loaded into data mart. Reports are created on data in data marts for business users to see.

**b) Contribution**

* Analyzing the requirement and impact of change and functional specification of the requirement.
* Verifying the change analysis with the on-site coordinator.
* Conduct Team meeting and assigning work among team members.
* IT, UAT and Implementation in production.

**4.**

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| **Project Name:** | **Biogen** |
| **Client** | Biogen Idec |
| **Role** | Consultant |
| **Organization** | Cognizant Technology Solutions |
| **Location** | Kolkata, India |
| **Duration** | Nov 2010 – Feb 2015 |
| **Technology and Tools** | Siebel – EIM, PL/SQL, SQL, and Unix |

**a) Project Description**

This project involves data extraction from other system, cleansing it and then moving the data into a new system. The data extraction or loading routines is done via different interfaces built using SQL/PL-SQL, Informatica and Siebel EIM. All these interfaces are hosted in a different platform in UNIX server. In addition to that the system is also integrated with other external/internal system to keep it in sync. On top of that it also includes enhancing and supporting these interfaces.

**b) Contribution**

* Analysis of the business requirements and impact of change and functional specification of the requirement.
* Developing new interfaces in PL/SQL, Siebel EIM, enhancing existing interfaces and providing end to end delivery to client.
* Supporting these interfaces and solving related issues via interaction with client as and when required.
* Leading many of the major sub projects under it.
* Extending guidance and help to other team members.
* Primary Production Support.

## Employment Summary:

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| **Organization** | Tata Consultancy Solutions |
| **Designation/Role** | Technical Team Lead |
| **Duration** | Oct 2021 - Present |

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| **Organization** | IQVIA |
| **Designation** | Senior Software Engineer |
| **Duration** | Mar/2015 – Sep/2019  Had a maternity break of 2 years (Oct 2019 – Sep 2021) |

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| **Organization** | Cognizant Technology Solutions |
| **Designation/Role** | Consultant |
| **Duration** | Nov/2010 – Feb/2015 |

## Academic Qualifications:

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| --- | --- | --- | --- |
| **Degree** | **Institute/University** | **Percentage** | **Year of Passing** |
| B. TECH | Synergy Institute of Engineering and Technology | 82% | 2010 |
| 12th (CBSE) | Kendriya Vidyala, Anugul | 81% | 2006 |
| 10th (ICSE) | Saint Lawrence School, Anugul | 86% | 2004 |

**Achievements:**

* Received three ‘**On the Spot’** awards in the current organization for ramping up quickly in the project and delivering complex requirements without any issues.
* Received several ‘**Work Worth Doing’** awards in IQVIA.
* Several e-mail appreciations by client.

**Key Personal Skills:**

* Promoting and adhering to good work practices.
* Can quickly grasp and master new concepts.
* Can work independently, multi-task, and take ownership of various parts of a project or initiative.