**MEENAKSHI PANJWANI**

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**DATA WAREHOUSING, BI, ETL TOOLS PROFESSIONAL**

* Qualified IT professional with 10.8 years of progressive IT experience in the areas of Business Intelligence, ETL, Data warehousing applications, Data Migration and Data Integration projects and around 1 year of exposure in code migration from Legacy system to cloud platform (Azure Data Bricks, Azure Data Factory, Azure Data Synapse, Informatica Cloud(IDMC)).
* Currently associated with Next Pathway Inc., Cloud Migration Company from around 1year, as a Senior Data Engineer. Prior to that associated with Societe Generale Global Solution Centre (Investment Banking Firm) as a Senior ETL Lead Developer for close to 5+ years.
* End to End Implementation experience for BI Projects involving Feasibility Analysis, Requirement gathering, data modeling, ETL Design and Production Rollout/Support.
* Data warehousing experience using Informatica Power center 10.x/9.x, Teradata 16/14, Oracle 12c/11g, UNIX shell scripting, scheduling tool Control-M.
* Experience of Automatize the production control checks through SQL and UNIX scripts. Led development teams in technical demanding projects; handled a team of 12 members include offshore, onshore.
* Extensive end to end knowledge of multiple Development Projects and Production support with excellent analysis, design and troubleshooting skills.
* Proficient understanding of Agile and Waterfall execution models across different stages of Software development life cycle.
* 5+ years of experience in applying Agile Methodologies and SAFE Principles to Project Management.
* 3.5 months of Onsite (Stockholm, Sweden) work experience of development & deployment in customer facing and interacted closely with business.
* Good understanding of the entire Software Development Life Cycle (SDLC) from requirement gathering till deployment of software components and maintenance of the same.
* Extensive experience of interacting with external clients.
* Active participant in the organizational activities like conducting Knowledge sharing sessions and training.

**TECHNICAL SKILLSET**

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| --- | --- |
| **Scripting/Query Languages** | SQL, PL/SQL, Unix Shell scripting, Query data with notebooks (Azure databricks) |
| **Tools and Utilities** | Informatica Power Center 10.2/10.4/9.5/9.6, Control-M |
| **Databases** | Teradata 16/14, Oracle Sql |
| **Configuration Management** | SVN, GIT |
| **Additional Skills** | MS-Office, Jenkins, Testing, Fitnesse testing tool, JIRA |
| **Data Modeling** | Logical Data Modeling, Physical Data Modeling, Dimensional Modeling (Star schema & Snowflake schema) |
| **Methodologies** | Waterfall Software Development Lifecycle (SDLC), Agile Methodology |
| **Cloud Technologies** | Azure Databricks (Sql notebooks), Azure Data factory |

**PROFESSIONAL EXPERIENCE**

**Next Pathway Inc., Pune, India Sept 2022- till date**

(Cloud Migration Company)

**Senior Data Engineer:**

**Project-1 : Manulife Insurance Company**

**Role :** **Sr. Data Engineer**

**Technologies : Azure Databricks, Azure Data Factory, SQL, UNIX Shell scripting, Git**

**Description:** Manulife Financial Corporation is a Canadian Multinational Insurance Company and Financial services provider headquartered in Toronto. We worked on the code migration from Hive to azure Databricks.

**Responsibilities:**

* Project is developed in ETL Platform, we are migrating the same in to the cloud platform.
* The First layer Curation and the Second layer Dal is covered in Azure Databricks.
* Third layer Semantic is done in Azure data Factory.
* Involved in the translation of databricks notebooks, testing of hql’s, performing and testing SCD logic in Azure DB.
* Involved in the various stages of migration and testing ADB scripts in different environments.

**Project-2 : AMC**

**Role :** **Sr. Data Engineer**

**Technologies : Azure Data Factory, SQL, UNIX Shell scripting, Data Stage**

**Description:** AMC is a Microsoft-Corporation Project, Next Pathway is a partner with Microsoft to accelerate the migration from legacy Data ware houses, Data lakes to Azure.

**Responsibilities:**

* Project was developed in ETL(DataStage) Platform, I was involved in the migration of DataStage pipelines to the Azure Data synapse.
* Involved in the translation of DataStage pipelines
* Involved in the development and testing of Azure Data synapse scripts and SQL queries.

**Societe Generale, Bangalore, India May 2017 – June 2022**

(Leading French Investment Bank and Financial Services, also known as Soc Gen)

**Module Lead:**

**Project-1 : Anacredit**

**Role :** **Solution Designer/ Sr. ETL Developer**

**Technologies : Informatica Power Center 10.4.1, Teradata 14, SQL, Control-M, UNIX Shell scripting**

**Description:** Anacredit (Analytical credit datasets) is a program launched by ECB in 2011. Each SG Entity concerned by the program has to report detailed information on individual bank loans to its own National central Bank and National Central bank has to report it to ECB.

**Responsibilities:**

* Requirement understanding and solution design of the Project as per ECB Manual.
* Actively involved in the design discussion and user’s interaction.
* Leading a team of 4 technical dev team members.
* Actively handling the role of proxy scrum master, following all the agile practices.
* Involved in the development of Informatica& database components and Control-M, Bteq, MLoad, TPT &UNIX scripts.
* Involved in the manual Testing and validation of the application data.
* Creating documents like HLD, LLD.
* Involved in the automatize process of manual production controls.
* Involved in debugging and prod bug fixes on day-to-day basis.
* Responsible for Migration and Testing documents.
* Follow up on the approvals required.

**Project-2 : ECL**

**Role : Sr. ETL Developer**

**Technologies : Informatica Power Center 10.1, 9.5.1, Teradata 12, SQL, UNIX Shell scripting**

**Description:** ECL is the calculator to calculate the expected credit loss. Extracting JSON file generated from Java side, loading that flat file to our staging layer with another flow to load data from staging layer to OPE database(collect part) which goes for further processing like re-pooling and ECL calculations. In this ECL version we deal with Provisions, Tranches, CRM, Banking audit data.

**Responsibilities**

* Working as an Individual contributor in the Project.
* Involved in the requirement understanding of the Project.
* Analyzing the data and designing the ETL.
* Involved in the development of Informatica mappings & database components & Control-M, Bteq, MLoad, TPT & UNIX scripts.
* Involved in the manual Testing and validation of the application data.
* Responsible for Migration and Testing documents.

**Project-3 : IFRS9 (MCG)**

**Role : Sr. ETL Developer**

**Technologies : Informatica Power Center 9.5.1, Teradata 12, Unix Shell scripting**

**Description:** We had different subject areas under this project for retail and non-retail data. I was involved in the subject area called MCG which deals with only retail data. I was involved in the collect part after performing all the operations, maintaining real time data for Enterprise data warehouse system and for various reporting requirements, developing and supporting ETL’s built on Informatica to bring real time data from different schemas.

**Responsibilities**

* Requirement understanding of the Project.
* Analyzing the data and designing the ETL.
* Development of mappings and scripts.
* Manual Testing and validation of the application data.
* Responsible for Migration, testing documents and production support.

**Oracle Financial Services Software Limited, Bangalore, India Dec 2015 – Apr 2017**

(OFSS is a subsidiary of Oracle Corporation.)

**Associate Consultant**

**Project :** Will’s Project

**Client :** MKB Bank, Hungary

**Role** : Sr. ETL Developer

**Technologies** : Informatica 9.3, Oracle, Unix Shell scripting

**Description:** In this project we managed IT and operations. I was involved in maintaining real time data for Enterprise data warehouse system and for various reporting requirements, developing and supporting ETL’s built on Informatica to bring real time data from different data sources files and tables.

**Responsibilities**

* Requirement and design understanding of the Project.
* Development of Informatica mappings and UNIX scripts.
* Worked on New Enhancements and Production Issues.
* Manual Testing and validation of the application data.

**Capgemini India Pvt. Ltd, Bangalore, India Mar 2013 – Dec 2015**

**Sr. Software Engineer**

**Project :** FBI Data Masking

**Client :** Swed Bank

**Role :** ETL Developer

**Technologies :** Informatica Power Center8.6, 9.3 Oracle, Teradata, Unix Shell scripting

**Description:** The FBI (Financial Business Intelligence) project is to create a new Data Ware House to store the transactional and banking related data in English and in Single Currency. Swedbank was having multiple Data warehouses based on the region to store the data e.g.: one for Sweden, one for Baltic region. And the old warehouses are not able to handle multicurrency transactions. To overcome this, they planned to have a single Data Ware house to store the data. I was involved in the Data Masking module of this project to provide data protection solution to move data from Production environment to non-Production environments.

**Responsibilities**

* Participated in the preparation of analysis and design document.
* Developed Fake dictionaries in the encrypted format.
* Implemented mapping logic to create the real dictionaries in the encrypted format.
* Designed algorithms for key masking, secure lookup.
* Involved in the development phase of reusable components mapplets, mappings.
* Involved in the unit testing of the ETL and database objects.
* Involved in the deployment process from development environment to the test environment.

**EDUCATION**

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| **Degree/Certificate** | **Name of the Institute/University** | **Year of Passing** | **Percentage** |
| MCA (Computer Application) | ITM Universe, RGPV Bhopal | 2011 | 76.5% |
| BSC (Computer Science) | Jiwaji University, Gwalior | 2008 | 76% |
| Senior Secondary (PCM) | Miss Hill H.S. School, Gwalior | 2005 | 75% |

**AWARDS& RECOGNITIONS**

* Got Bravo Award in Societe Generale in 2021 Q1 cycle after the complete green production.
* Got Excellence Award in Societe Generale in 2020 Q4 cycle.
* During current venture got many appreciation mails from the Paris counterparts and from Business.
* Recognized for the creation of automatic controls for Monthly and weekly production checks; which reduced manual efforts and saved costing.
* Got Individual contributor Award in Societe Generale in 2018 Q4 cycle.
* Got appreciation mails for work from client side during Q3-2018 in Socgen.
* Got Rising Star Award in the project in Capgemini in 2014 Q1cycle.
* Awarded best developer within same level in the team (In Capgemini).
* Secured 2 Gold medals and one silver medal in MCA (Post-Graduation) at college level.