

Professional Profile

Around 4+ years of Experience in development, implementation of Robust and Scalable database solutions. Expertise in managing large scale datasets, Database Design, Develop & Reporting, Data Management, Data Modelling (Conceptual, Logical and Physical), Data Extraction, Data Cleaning, Data Merging, Writing Complex Queries, Stored Procedures, Tables, Views, Jobs, Schedules, functions, ETL, Performance Tuning and SSIS. Solid experience in Data warehouse concepts to drive data for actionable insights.

Adept with all phases of Software Development Life Cycle (SDLC) with good experience in both Agile and Waterfall project methodologies. Also worked for various development and implementation projects based on Insurance Domain.

Leveraging this skill set to develop optimal tactics to support the strategic objectives of organization and to improve business processes. In my spare time I like to continually upskill and teach myself relevant and up to date technology. I love learning and would have no problem upskilling to modern open source technology which motivated me to complete masters in data science with hands on experience in predictive analysis, Recommendation engine, Creating dashboards, Cloud and Big data ecosystems.

Career Summary

Senior Software Engineer, 3i Info Tech Limited, India

July 2015 – August 2019

Provider of a range of information technology solutions to companies worldwide

KEY ACHIEVEMENTS

- Work flow with mail triggering process have been enabled so whilst the company profit has been increased by 20% and loss has been regularly monitored.
- Business loss have been reduced by 10% by determining the outstanding premium for the corresponding customer and reducing with the claim settlement so whilst the revenue is increased by 15%.
- Received special appreciation gift personally from the CEO for supporting project go-live.
- 10 Months On-Site Development Experience with Oman United Insurance company (client).

RESPONSIBILITIES

- Created/Modified Procedures, Functions, Cursors, Triggers, Packages, Tables, Views, Indexes using PL/SQL.
- Responsible for the DB design for new module development and building logical data modelling based on scenarios.
- Developing and customizing applications using Oracle PL/SQL, Forms and Reports.
- Created Schema, Users, Tables, Constraints, Indexes, Triggers, Privileges, Roles, Cursors, Ref Cursors, User Profiles, anonymous blocks, directories, sequences, synonyms.
- Used VCRA (Version control repository system) to track and maintain files up-to-date.
- Tuned SQL queries using EXPLAIN PLAN, Hints and SQL*Plus Auto trace report for query optimization.
- Experience in Query Optimization, Debugging, and Tuning for improving performance.
- Involved in Performance Tuning by creating the necessary indexes, partitions, materialized views.
- Used TOAD for patch release and also used as versioning the code.
- Data loading using SQL*LOADER invoking through application, SQL performance tuning, Application tuning, Data import/export, Debugging, Optimization and Tuning SQL and PL/SQL.
- Incorporated business rules and constraints and created new tables for all modules.
- Successful data migration for underwriting and claims reinsurance from legacy system to latest product.



- Very well coordinated in Defect prevention of all the modules.
- Actively participated in the preparation of unit test cases and delivering desired results.
- Experience in REST Services such as JSON and XML for Integration with third party systems'.
- Experience working in large teams and led the internal stakeholders' team with allocating issues and tracking the progress.

Competencies & Skills

Technical:

- **Database:** Oracle 10g/11g,12c, SQL Server, Mongo DB, Mysql
- Hadoop big data ecosystems (Hive, Pig, Kafka, Spark)
- **Languages:** Basics of Java, Python, R, HTML
- Basic Knowledge in **Unix and Linux** Commands
- **Machine Learning Libraries & Modules:** Pandas, Numpy, Matplotlib, Seaborn, Dplyr, ggplot2, Tensorflow, ScikitLearn
- **Data visualization:** Tableau, Power BI, R Dashboard
- IDE: Oracle D2K Forms 11g/12c & Reports 11g/12c
- Packages: Micro Soft Office Suite- MS-Word, MS-Excel, MS-Power point

Education

 MSc Data Science, Institute of Technology Carlow (2.2)	2020
 B.E – Electronics and Communication, SKR Engineering College, Anna university, India (2.1)	2015

Certification

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| • KPMG Data Analytics Virtual Internship | September,2020 |
| • Google Cloud Platform Fundamentals: Core Infrastructure | November,2020 |

Projects completed in the MSc which gave me a good working knowledge of the following languages:

Skills: Python, R, Mongo DB, MYSQL , Hadoop big data ecosystems (Hive, Pig, Kafka, Spark), Machine Learning Algorithms

1. **Sample ESB Dataset:** Used Python for Web Scraping, Data Cleaning and Data Visualization (Interactive) using Power BI
2. **Home Sales Price Prediction Project:** Used Python and Machine Learning Libraries
3. **Sales Analysis Project** in Statistical Approach and Sales Dashboard Using R
4. Used NOSQL Databases such as Mongo DB and Neo4j to analyse the data (Data Storage Technologies)
5. Created Active Active Cluster,Active Passive Cluster for avoid fault tolerance in Hadoop, Used Hive and Pig to analyse large datasets (Big Data Subject).
6. **Thesis:** Telecommunication Customer Churn using Machine learning models.

Modules in Data Science: Python, R, Research Methods, Data Storage Technologies, Statistics, Data Analytics, Big Data

Business: Organisational | Target Driven | Customer Support | Customer Orientation | Problem Solving | Teamwork |

Interpersonal: Assertive | Conflict Management | Listening | Communication |

Interests

Intercollege Cricket League | Member of Airsoft | Hill Walking | Karting with college clubs | Volunteering | Constantly keeping up to date and learning new technologies currently self-teaching: NLP

References

Available on request