# Manvitha Kola

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## Personal Summary

3+ years work experience as a Business Intelligence Developer with a strong background in Client communication, Requirement Gathering, Documenting key metrics, Data warehouse design, Analytics and data visualization for pattern identification, data discovery and insights for analytical decision making across multiple business domains

## Education

**TRINITY COLLEGE DUBLIN – MSC. IN DATA SCIENCE (2020-21)**

· Related coursework: Machine Learning, Deep Learning, Scalable Computing, Data Analytics, NLP, Text Analytics, Urban Computing

## Skills

· Specific tools of domain : SQL Developer, Oracle Analytics Cloud, Oracle BI , JDeveloper, Tableau
· Programming Languages : SQL, PL/SQL ,Python, R, C
· Operating Systems : Linux, Windows

## Work Experience

**BI DEVELOPER | APPS ASSOCIATES | AUG 2017 – AUG 2020**

· Designed and implemented various data warehousing and reporting solutions on Oracle analytics cloud for clients across HR, Supply Chain Management, Finance and Rights and Royalties business areas.
· Implemented Logical and Physical data modeling (Star/Snowflake schema), SCDs, Hierarchies to support reporting requirements of various data granularity
· Hands-on experience in implementing end-to-end BI solutions involving requirement gathering, acquiring domain knowledge, data warehouse design, data extraction, pre-processing, ETL (SQL, PL/SQL), Reporting and visualization
· Implemented data and object level security and worked extensively on SQL performance tuning
· Advanced level experience in creating interactive visualizations and dashboards using Tableau

## Projects

**OAC Financials Implementation [Domain: Pharmaceuticals] – Dec 2017 to May 2018**
Implemented financial analytics BI solution with drill down capabilities of Financial Statements to Journals to Sub ledgers and further drill into Purchase/Sales Orders with Oracle ERP as source

**OAC HR Implementation [Domain: Automobile] - June 2018 to Dec 2018**
Implemented Oracle analytics solution using custom built data warehouse blending their existing data from local applications with oracle ERP HR data to delivering custom-based reports.

**OTBI Reporting [Domain: Risk Management] - Jan 2019 to Oct 2019**
Implemented on premise to cloud based reporting solution migration. Extensively worked on SQL reports on OTBI reporting system

**OBIEE Rights and Royalty Reporting [Domain: Publication/Licensing] - Dec-2019 to Aug 2020**
Developed custom warehouse solution integrating data from various applications to develop royalty reporting solution in the Rights/Royalties and licensing domain

## Certifications

- Tableau Desktop Specialist

## Personal Projects

**Variable length Image Captcha Solver**
- Parallelized image captcha solver based on Tensor Flow's Convolutional Neural Networks

**Stay-Fit**
- Built ioT based smart shoe product prototype using RaspberryPi and android application

**Document-Tagging**
- Solving the problem of document categorization by text classification using NLP

**Building Spam Classifier**
- Implementing data preprocessing steps using NLTK and classifying using sklearn libraries