

Hemang Negandhi

5 years of experience in Data Analytics, ETL and Business Intelligence

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Mumbai, India

EDUCATION

University of Texas at Arlington	Master's in Computer Science	May 2019
K. J. Somaiya College of Engineering	B.E in Information Technology	May 2015

SOFTWARE SKILLS

Languages: Python, SQL	Web: HTML5, CSS3, PHP, JavaScript
Database: MySQL, MS SQL, Oracle11g	Business Intelligence: Powerbi, QlikSense, Alteryx, Tableau, SSRS, SSIS
Operating System: Ubuntu, Windows	Technologies and tools: PyCharm, AWS

WORK EXPERIENCE

BNP Paribas, Mumbai, India (Senior Business Data Analyst) Jul 2020 - Present

- Worked with **Alteryx** to analyze and design workflows to perform ETL. Hands-on experience in **performance tuning, query optimization** in Tableau.
- Created TDEs (Tableau Extract) for various projects and scheduled on Tableau Server as per requirements.
- Coordinated with **PARIS, MADRID team** to meet business requirements as well as ad hoc requests.
- Developed complex workflows and MACROS system, to process data for Tableau consumption and reporting.
- Individually enhanced and maintained a project "**C3 FINANCE**" which acts as core data source for many teams in BNP. This project processes **422 GB** of financial data every month and provides output to over **10** teams in the organization.
- Also led at enhancing the financial data capabilities of the above project. This involved migrating the project hierarchy from **FIREF to GRECO_PMA**, which increased the granularity of financial data of the bank. While FIREF had **12** levels of data, GRECO has **30** levels, which enabled the bank to increase insights by **25%** that leads to making better informed decisions.
- Created and developed a project "**Deposit and trend analysis**" which saved manual **786** work hours per year for automating excel input data. It also decreased the error rate in the data to **2.5%** as compared to **10%** before automation.

BNY Mellon Pershing, New Jersey, USA (Business Data Analyst) Sep 2019 - Mar 2020

- Worked with Alteryx to develop WFs to perform **ETL (Data Extraction, Transformation, Loading)**.
- Used SQL to extract data and create ad-hoc reports for data visualization on Tableau Server.
- Participated in data validation of results in Tableau by matching numbers to data in database.
- Participate in the creation of Tableau workbooks for the EPO and corporate finance department.
- Strong knowledge of Star dimensional schema and Snowflakes schema.

AKA Enterprise Solution, New York, USA (Powerbi Intern) May 2018 - Jul 2018

- Performed migration of in-house app from content workspace to app workspace in Powerbi.
- Participated in the creation of **dynamic visualizations** to track employee performance.
- Used the **(Bamboo HR) APIs** connector to retrieve real-time employee data from the "**HR**" database.

Infogain India Pvt Ltd, Mumbai, India (Software Engineer) Aug 2015 – Jul 2017

- Collected data in QlikSense from various sources (Oracle, CSV files, MS SQL, MySQL).
- Created dynamic interactive dashboards in **Tableau, Powerbi and QlikSense**.
- Analysed underlying data for possible discrepancies, investigated errors and implemented Incremental Load.
- Performed **ETL using SQL Server Integration Services (SSIS), QlikView**.
- Created real-time streaming dashboard with real-time KPIs in Tableau.
- Documenting all ETL/ELT projects and workflows including supporting documentation for troubleshooting.
- Develop Tableau workbooks to perform **YTD, QTD and MTD type analysis**.
- Generating context filters and data source filters when processing large amounts of data in Powerbi.
- Creating dashboards for measures with **forecasts, trend lines, and reference lines**.

CloudFronts Technologies, Mumbai, India (Intern)**Jun 2015 - Jun 2015**

- Acquired hands-on experience in **SSIS, SSRS and Powerbi**.
- Demonstrated working with different connectors like Oracle, SQL, Twilio, Zendesk to **Powerbi**.

Algonation, Mumbai, India (Intern)**Dec 2014 - Feb 2015**

- Gathered client requirement and created data model for healthcare project in **MySQL**.
- Created website using HTML5, CSS3, PHP and JavaScript (**CodeIgniter framework for PHP**).

Trivia Software, Mumbai, India (Intern)**Jan 2014 -Jun 2014**

- Created data model for School ERP solution.
- Coded views and triggers in Oracle using **PL-SQL**.

ACADEMIC PROJECTS

Movie Suggestion System

- Created the application using **Flask Framework** in **Python 3.6**.
- Used packages as **NumPy, NLTK, Pandas** for word processing (performed **stemming** and **lemmatization**).
- The application used a database of **1.5 million rows** to provide prediction results of genre.
- Deployed the application on **Google cloud**.

Pet-Store Project

- Created interactive website using **html5, PHP and JavaScript** for pet products.
- Developed different type of logins and created procedure to send emails from server.

Online Advising Simulation

- Developed a client-server multi-threaded application for an online student-teacher Advising system.
- Implemented message queuing using producer-consumer design pattern.

Intrusion prevention system with SHA 256 hashing

- Created system to prevent intrusion attack and implemented different level of authorization.
- Developed features of an admin page like group approval, member approval and group deletion.
- Used hashing SHA 256 for hashing and used fields like password to prevent spying.