

Hemang Negandhi

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EDUCATION

University of Texas at Arlington, Texas, USA M.S in Computer Science	May 2019
Courses: Web Data Management, Algorithms, Advanced topic in Software engineering, Data Mining, Advanced topic in DB.	
K. J. Somaiya College of Engineering, Mumbai, India, B.E in Information Technology	May 2015

SOFTWARE SKILLS

Languages: Python, Sql	Web: HTML5, CSS3, PHP (Codeignitor MVC framework), JavaScript
Database: Mysql, MsSQL, Oracle11g	Business Intelligence: PowerBI, QlikSense, Alteryx, Tableau, SSRS, SSIS
Operating system: Ubuntu, Windows	Technologies and Tools: Pycharm

WORK EXPERIENCE

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

- Hands-on experience in **Performance Tuning, Query Optimization**.
- Created TDEs (Tableau Data Extract) for various Projects and Scheduled Refreshed on **Tableau Server**.
- Coordinated with **onshore team** and **international stakeholders** in Spain to meet the business requirement.
- Developed complex **workflows** and **Macros** to make data suitable for tableau consumption and reporting.
- Was responsible for managing **huge impact projects** in BNP like **C3 Finance** which generated **422GB of data every month** and the output was consumed by more than **10 teams** in the organization.
- Created, developed, and maintained Tableau dashboards for various projects in BNP.
- Developed Tableau workbooks to perform **YTD, QTD** and **MTD** type of analysis.

Depth Consulting, Mumbai, India (Intern) Jun 2020 - Jul 2020

- Gathered data into **oracle analytics** from various sources (CSV files, MS SQL, MySQL).
- Built dashboards for measures with **forecast, trend line and reference lines**.
- Contributed on creating dynamic visualizations in dashboard.

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

- Worked on **Alteryx** to design and analyze workflows to perform **ETL (Data Extraction, Transformation, Loading)**.
- Used **SQL** to extract data and produce ad hoc data visualization reports on the Tableau Server.
- Involved in data validation of the results in Tableau by validating the numbers against the data in the database.
- Involved in creating **tableau** workbooks for the EPO and the finance department of the company.
- Hands on experience in **Performance Tuning, Query Optimization**.

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

- Performed migration of inhouse app from content workspace to app workspace in **Powerbi**.
- Contributed on creating dynamic visualizations for tracking performance of employees.
- Used **(Bamboo HR) APIs** connector to fetch Realtime employee data from HR database.

Infogain, Mumbai, India (Software Engineer) Aug 2015 - Jul 2017

- Gathered data into **QlikSense** from various sources (Oracle, CSV files, MS SQL, MySQL).
- Created dynamic interactive dashboards in **Tableau, powerbi** and **QlikSense**.
- Analysed underlying data for potential discrepancies, investigate 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 work flows and including supporting documents for troubleshooting.
- Generated context filters and data source filters while handling huge volume of data in **powerbi**.
- Built dashboards for measures with **forecast, trend line 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 (**Codeignitor 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**.

RECENT PROJECT (ACADEMIC)

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 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 also 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 also used fields like password to preventing spying.