

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** 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.

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.
- Strong Knowledge in dimensional **Star Schema** and **Snowflakes Schema**.
- 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.
- Developed Tableau workbooks to perform **YTD, QTD and MTD** type of analysis.
- 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.