

# Hemang Negandhi

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## EDUCATION

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

## 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 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 India Pvt Ltd, 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)**

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**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.