# 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

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|---|---|
| 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.**
- Generated 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 (ALTERYX)** to make data suitable for tableau reporting.
- Was responsible for managing **high 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 develop 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, Data Blending.**

**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**.

## 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 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.