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| Boston, MA  <https://www.swarupmishal.com> | **SWARUP MISHAL** | (857) 250-7875  mishal.s@husky.neu.edu |

**EDUCATION**

**Northeastern University,** Boston, MA **Sept 2015 – Aug 2017**

Master of Science,Information Systems **GPA: 3.5/4.0**

**University of Mumbai,** Mumbai, India **Aug 2010 – May 2014**

Bachelor of Engineering,Computer Engineering **GPA: 3.8/4.0**

**SKILLS**

* **Programming Languages:** Python, SQL, R, Java, HTML, CSS, Javascript, Unix/Linux
* **Databases & Data Integration:** Oracle,MS SQL Server, MySQL, PostgreSQL, RDBMS, DataHub, SSIS
* **Business Intelligence & Analysis:** Tableau, QlikView, PowerBI, SSRS, Excel, Gretl
* **Other Tools:** AWS, Visual Studio, REST, TFS, Git, Eclipse, JIRA

**PROFESSIONAL EXPERIENCE**

**Implementation Specialist** at **NeoXam,** Boston, MA **Nov 2017 – Present**

NeoXam is an international publisher of software solutions in the financial sector.

* Conducted walk-through, requirements gathering meetings and worked with the stakeholders for gathering specifications.
* Designed and updated existing **data models** based on the requirements after interacting with non-technical end users to understand the business logics.
* Developed and tested extraction, transformation, and load (**ETL**) processes using various sources like XML, Excel, csv and JMS messages. Developed visualizations and dashboards using **Tableau** based on the export file generated from Datahub.
* Automated multiple routine tasks for end users using **Python** and **shell scripting**, which reduced the manual work by **95%**.
* Configured **DataHub** to connect to, and worked on multiple databases like **MS SQL Server, Oracle** and **MySQL** at backend.
* Wrote high quality complex **SQL** queries using joins, nested subqueries to automate repeatable tasks and improve efficiency.
* Made software enhancements to **DataHub,** adata managementtool,based on the client needs.
* Provided **project management** leadership following **Kanban** methodologies, to have streamlined execution of the projects.
* Analysed and implemented **support** procedures to solve various issues faced by the clients working on DataHub.
* Performed **Quality Assurance (QA/QC)** audits, Configuration Backup and code migration to **Test** and **Production**.

**Reporting and Business Intelligence Developer** at **GMO LLC**, Boston, MA  **May 2016 – Dec 2016**

GMO LLC is an Investment Banking firm, with Assets worth $118 Billion under management.

* Applied **Agile** & **Scrum** methodologies, following full software development life cycle (**SDLC**) gathering requirements, designing, developing, documenting, testing, and deployment in **Business Intelligence**.
* Developed several **Tableau** dashboards following **ETL, OLAP** and **Data Modelling** concepts to generate integrated dynamic data visualizations for **Data Analysis** and finding **Key Performance Indicators.**
* Performed ad-hoc query requests for clients using **SQL** queries to extract requested information.
* Optimized pre-existing stored procedures joining multiple tables to implement business logic using **MS SQL Server** resulting in reduction of execution times by **2 mins** on an average.

**PERSONAL PROJECTS** (<https://github.com/swarupmishal?tab=repositories>)

**Data Integration & BI on a Retail Store** | **SQL Server, SSIS, Tableau, QlikView, Power BI**  **May 2018 - Aug 2018**

* Developed a data warehouse, integrated data from diverse sources such as CSV, SQL Server, PostgreSQL, Oracle, MySQL.
* Created mappings to extract, load facts and dimensions into warehouse using various transforms, filters and joins.
* Performed Data Integration with 4M+ rows of data which involved data-conversion, error handling, loading erroneous records in rejects table, source to target mapping and calculating measures using SSIS.
* Built interactive custom dashboards to convey stories of Retail Sales, Inventory, Strategy Plan, Trends and Profits.

**Data Analysis of Criminal Activity in Chicago** | **Python** **May 2017 - Aug 2017**

* Analyzed Chicago criminal activity and created graphical visualizations using Python.
* Used Python libraries like Pandas, Numpy, Datetime, Matplotlib, Seaborn and Dataframes.

**Data Mining | SQL, SSIS, Tableau May 2017 - Aug 2017**

* Following ETL, cleaned a Bank dataset and designed relational database for removing anomalies using SQL Server and SSIS.
* Visualized ad-hoc A-B test and classification test for analyzing variables and combined multiple charts using Tableau.

**Exploratory Data Analysis of Enron Scandal** | **Python** **Jan 2017 - Apr 2017**

* Suspicious users, emails were observed and analyzed, involved in the Enron scandal using Python.