

NEHA FIRODIYA

400 Massachusetts Avenue, Apt 66, Boston, MA 02115 | firodiya.n@husky.neu.edu | (617) 952-2900

EDUCATION

Master of Science in Information Systems

May 2016

Northeastern University, Boston, MA

Courses: Data Warehousing & Business Intelligence, Advanced Database Management System, Big Data Engineering, Application Engineering & Development, Web Development Tools and Methods, User Design and Testing

Bachelor of Science in Information

Apr 2012

Government College of Engineering, Aurangabad, India

EXPERIENCE

Business Intelligence Developer Co-op

Jan 2015- Dec 2015

Ahold USA, Boston, MA

- Created metrics and cubes in MicroStrategy by analyzing the data and after profiling the data
- Developed reports and dashboards for multiple e-commerce applications in MicroStrategy for effective visualizations
- Created stored procedures for faster querying. Analyzed the data in SAS for data retrieval and statistical analysis

Systems Engineer

Sep 2012 - Aug 2014

Tata Consultancy Services, India

- Developed Business Objects (BO) for the Capital Markets and Sales application to summarize several million lines of Financial data in systematic manner
- Automated and enhanced many financial applications by creating and maintaining database using SQL server
- Encountered Extraction, Transformation and Loading (ETL) of data into the database using SSIS and Talend tool
- Actively monitored and administered CMC, CMS systems to resolve reports issues effectively

Graduate Teaching Assistant

Jan 2015 – Present

Northeastern University

- Designed quizzes and assignments, conducted study sessions for students in Data warehousing and Business Intelligence course. Conducted training courses for Qlikview and QlikSense
- Conducted various training sessions based on ETL and BI tools to assist and mentor graduate students

TECHNICAL SKILLS

Certification: OCJP, Teradata TE0121, Oracle DBA OCA, Oracle Certified PLSQL Developer, ITIL foundation

Languages: Java, Python, R, C, C++, MATLAB

Web: HTML, CSS, JSP, servlets, spring, MVC

Database: MySQL, SQL server, Oracle, PostgreSQL

Tools: Microstrategy, SAS, SSIS, Talend, Tableau, Qlikview, QlikSense, Rattle, Power BI, Business Objects, Alteryx, Actuate, Pivot Table, Erwin, MATLAB, Azure, Selenium, Hadoop Framework, Cassandra, Hive/Pig

ACADEMIC PROJECTS

Data Quality Analysis, ETL & visualization using AdventureWorks/ Contoso DW/ GAP

Oct 2014 – Dec 2014

- Analyzed and merged diverse data for sales applications by creating reports and dashboards using different tools – QlikView, QlikSense, Tableau, power BI, pivot table. Developed indexes, stored procedures and performed tuning
- Developed a Gap Inc. (an online ecommerce website) extensive database right from data modelling using Erwin and Toad data modeler along with dashboards using BI tools for analyzing the revenue and sales
- Created conceptual, logical and physical data models and performed ETL using Talend and SSIS. Compared various reporting tools to enhance the visualizations of the reports to develop proficient Dashboard.
- Used Talend Open Studio for Data Quality to analyze all the values in the database and segregated inaccurate and accurate values using Tmap component of TOS for Data Integration and stored them separately in MySQL database

Webscrapping in R and using toolkits

May 2015 – Jul 2015

- Developed a parametrized custom webscraper in R and transformed scraped data using data manipulation techniques to make it analyzable. Used webscrapping tools like Mozenda, Import.io, Kimono Labs, ParseHub on Yelp.com and Amazon.com to do a comparative study of features.

Big Data- Analysis of data and Page Rank determination using PageRank Algorithm

Jan 2016 – Feb 2016

- Analyzed the WebSpecies dataset and parsed the XML input file in Hadoop framework
- Implemented MapReduce jobs using Java to find out the PageRank of the species using PageRank algorithm to be run on Pseudo distributed and fully distributed mode