**PROFESSIONAL PROFILE:**

**Deriving actionable insights from data to drive strategic decision making using machine learning. More than five years of experience working with data. Proficient in machine learning, modeling, data processing and analytics using Python, SQL and R.**

**RELEVANT EXPERIENCE:**

**Data Scientist;** MindRight **02/18 – Present**

* Conducting Advanced Statistical Analysis to determine trends, patterns, consumer behavior and significant data relationships
* Collaborating cross functionally to improve user retention and user lifetime value

**Data Analyst;** GCOM Software Inc.; New York City, New York **03/17 – Present**

* Analyzing, carrying out in-depth analysis (time-series analysis, etc.) and communicating results using visualizations, presentations, etc.
* Building complex data sets from multiple data sources and transforming Legacy data (using SQL Procedures) for Conversion (ETL)
* Devised methodologies to improve data collection and data storage and Identified trends and patterns from the data

**Marketing Analyst Intern;** S-Network Global Indexes; New York City, New York **10/16 - 12/16**

* Developed web scraper to collect raw data from over 1000+ web pages and transformed it to structured data
* Automated processes of extracting data and creating reports to reduce manual labor of over 300 hours annually using VBA

**Data Engineer;** Accenture Services Pvt. Ltd.; Mumbai, Maharashtra **02/13 - 07/15**

* Awarded the ACE (Accenture Celebrates Excellence) award, celebrating my exemplary and outstanding contribution

**Database Management,** EMC

* + - * Managed CRM module and Created PL/SQL components for data analysis, conversion, ETL and interfacing
      * Formulated Unix scripts for programming periodic reports and extracting data to attain key metrics
      * Exported Data and Reported against KPIs by Development of Excel-based Tools reducing handwork by 40%

**Data Mart Management,** Wellington Management

* + - * Scheduled, maintained and performance tuned the Extract, Transform and Load procedure (SQL) of investment transactions’ data
* Counseled and guided new trainees to familiarize them to Investment Banking and Financial Services domain

**Accenture Services Pvt. Ltd., BI Developer Intern; Mumbai, Maharashtra 04/11 - 05/11**

* Introduced a web based dashboard using ASP.net and VB.net on a MS Access database producing a 30% decrease in manual labor

**PROJECTS:**

* **Kaggle Competitions** - Carried out Feature Selection, Dimensionality Reduction, building and Optimizing Classifiers, etc.
* **Deep Learning** - Developed a Computer Vision system using TensorFlow for Poets and Google Incentives library
* **Artificial Neural Networks Classifier** - Computed the Relevance of results for a search query with 72% accuracy using R
* **Sales Prediction** - Applied Logistic Regression (Probabilistic Model) on high dimensional data achieving an accuracy of 66% with SAS
* **Sentiment Analysis** - Extracted Social Networking data (Twitter), performed analytics and created data visualizations using Tableau
* **Recommender System** – Recommended similar documents using TF-IDF with above 80% accuracy in GraphLab
* **Clustering** - Performed Statistical Natural Language processing to group unstructured data into Good, Bad and Neutral categories.

**CERTIFICATIONS:**

* Statistics for Business Analytics **02/18**
* Machine Learning Foundations: A Case Study Approach - University of Washington **07/17**
* Analytics Certification - Google **04/17**
* Business Intelligence and Analytics – Stevens Institute of Technology **12/16**

**SKILLS:** **Technical:** Python, R, SQL, PL/SQL, UNIX, SAS

**Tools:** Pandas, NumPy, SKLearn, Matplotlib, BeautifulSoup, TensorFlow, Jupyter, GraphLab, Tableau, Gephi

**EDUCATION:**

**Master of Science in Information Systems (Specialization: Business Intelligence & Analytics)** **3.89/4.0**

Stevens Institute of Technology, Hoboken, NJ **08/15 -** **12/16**

Courses: Social Network Analytics, Data Mining, Multivariate Data Analysis, Data Warehousing/ BI, Web Analytics, Project Management, Financial Decision Making, Process Innovation &Management, Integrating Information Technologies, IT Strategy

**Bachelor of Technology in Computer Engineering** (CS)

Mukesh Patel School of Technology, Management and Engineering, Maharashtra **06/08 - 08/12**

**ACTIVITIES:** Volunteered at “Make A Difference” - teaching under-privileged children resulting in improved academic performance