RAHUL SHENOY

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OBJECTIVE

Seeking an opportunity to apply analytical and technical skills in the field of data science to help organizations solve complex and challenging problems to achieve their business goals

PROFESSIONAL EXPERIENCE

Founder, **EatPrayRead** May 2016 - Present

- Architected and designed **MySQL database** schema to support **backend analytics modules**
- **Increased web traffic** 125% by website modifications, improving navigation, and adding social media plugins
- Implemented **Google Analytics** to understand user behavior, monitor performance and achieve monthly targets

PHP Developer, **Euline Solutions** May 2015 – April 2016

- Managed and maintained development of backend for 7 **dynamic database driven websites** within stringent deadlines
- **Reduced code redundancy** by 75% by implementing MVC design pattern through PHP and JavaScript Frameworks
- Enhanced code **maintainability and collaboration** by using BitBucket Distributed Version Control System

PROJECTS

Big Data Analytics – *Bankruptcy Analysis using Apache Hive and R* March 2017

- **Cleaned and processed raw data** containing 20,000+ records using **Regular Expressions** in **HiveQL** over **HDFS**
- Generated **predictive models** over random data samples and identified the best model with **93% prediction accuracy**

Business Analytics with R – *Credit Card Fraud Detection using R and Tableau* December 2016

- Performed data **cleaning**, **exploration(EDA)**, **preprocessing**, **transformation** and **normalization** over credit card dataset with 300,000+ transactions and 31 variables
- Generated **predictive models** and **data clusters** for identifying anomalous transactions using **Machine Learning Algorithms** in R
- Generated **Visual Reports** using **Tableau** and strategized measures to reduce fraud using **root cause analysis**

Business Analytics with R – Breast Cancer Detection using R October 2016

- Performed **data mining** using **CRISP-DM** methodology over Breast Cancer Diagnosis dataset
- Managed **class imbalance** problem using **SMOTE** and **generated classification models** for predicting malignant cases using **supervised machine learning** algorithms in R
- Identified the best model with **95% accuracy** by comparing the **Area Under Precision Recall Curve** of different models

EDUCATION

The University of Texas at Dallas December 2017
M.S., Information Technology & Management, Business Intelligence & Analytics **GPA 3.93**
Dean's Excellence Scholarship

University of Mumbai January 2015
B.S., Electronics and Telecommunication Engineering **GPA 3.0**

TECHNICAL PROFICIENCY

Programming:	**R**, **Python**
Analysis Tools:	Rattle, **RStudio**, SAS, **Anaconda**, **Tableau**, Advanced Excel, Google Analytics, Visio
Big Data Ecosystems:	Hortonworks Sandbox, **Hadoop**, Hive, Pig, Map Reduce
Databases:	MySQL Database, **SQL Server Management Studio**, MS Access 2016

LEADERSHIP & ORGANIZATIONS

Data Science Conference, Dallas – Participant January 2017
ENERTIA Intercollegiate Soccer Tournament – Winner (Captain) July 2012
Entrepreneurship Development Cell, SIESGST – Member May 2012 – July 2014