BHARADWAJ VENKATESWARAN

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CAREER OBJECTIVE

A software engineer experienced in Java, R and SQL with an aim to succeed in a fast-paced high-quality environment. Seeking a responsible and challenging position where I can leverage my knowledge and experience to achieve organizational goals.

CORE COMPETENCIES

- Java
- SQL
- R
- Python
- ETL
- SAS
- JavaScript
- HTML/XML
- CSS
- LuaScript
- Data Mining
- Tableau
- Exploratory Data Analysis
- Statistical Analysis
- Matlab
- Mobile Application Development
- Software Development

EDUCATION

TEXAS A&M UNIVERSITY, College Station, TX *May 2016*
Master of Science in Management Information Systems, GPA 3.6

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, Pilani, INDIA *May 2011*
Master of Science Mathematics and Bachelor of Engineering Electronics & Instrumentation Engineering, GPA 3.3

ACADEMIC PROJECTS

Dominick's Data Warehouse, Data Warehousing, Texas A&M University *Jan 2015 – May 2015*
Designed independent data marts and performed extraction, data cleansing, transformation and reporting to analyze store level data for a retail store to answer critical business questions.

Classification of Risk Mortality of Patients, Data Mining, Texas A&M University *Sep 2015 – Dec 2015*
Classified the risk mortality of patients suffering from heart diseases using data mining algorithms such as logistic regression and random forest. Model evaluation was performed using lift charts and classification matrix.

Prediction of Violent Crime Rate, Engineering Data Analysis, Texas A&M University *Jan 2016 – May 2016*
Predicted the violent crime rate using data mining algorithms such as multiple linear regression, best subset selection and lasso regression. Analysis was performed using crime dataset from the UCI machine learning repository.

PROFESSIONAL EXPERIENCE

MARKETING DEPARTMENT, TEXAS A&M UNIVERSITY, College Station, TX *Jan 2015 – Aug 2015*

Graduate Research Assistant – Data Analyst

- Identified a new generation of influential digital shoppers or 'Brand Mavens' for a gift-card company by analyzing survey data. Performed exploratory data analysis, visualizations and statistical modeling using SAS and R to classify brand mavens.
- Delivered customer segmentation model for an online retail organization. This provided holistic understanding of the traits and attributes of various types of customers within the customer base.
- Stratified patient data as either high-risk or low-risk for readmission by integrating clinical, patient and physician data sets. This analysis of EHR helped the healthcare organization to examine the root cause for hospital readmissions.
- Collaborated with National University of Singapore in a research to investigate Android and IPhone application diffusion across countries. Completed data cleansing, data integration and exploratory data analysis for the research project.

KONY INDIA PRIVATE LIMITED, Hyderabad, INDIA *Jun 2011 – May 2014*

Software Engineer

- Developed UI design using Kony's Integrated Development Environment and back-end integration using Java and JavaScript. This helped the client achieve an enhanced user experience for their mobile application and an efficient performance.
- Extracted data to identify Key Performance Indicators (KPI's) from each page of the mobile application and performed data visualizations. This activity helped the client discard support for blackberry operations.
- Built scripts to schedule and automate build process. Experience in software development such as JUnit to perform unit tests, Ant to automate build process, SVN for version control etc.
- Performed security analysis of mobile applications and resolved critical security issues such as man-in-the-middle attacks, session management, Cross-Site Scripting (XSS), and Cross-Frame Scripting (XFS).

ADDITIONAL SKILLS AND RECOGNITIONS

- SAS Certified Base Programmer for SAS 9- Certificate Serial Number: BP048892v9
- Earned Innovation/Best Practice Award from Kony India Pvt. Ltd. in 2014
- Was part of the team which won the Best Team Award from Kony India Pvt. Ltd. in 2013