Vindhya Govindaraju

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EDUCATION:

Northeastern University, Boston, MA   Sept 2016 – Dec 2018

Master of Science in Engineering Management, GPA: 3.53/4.00
Relevant courses: Supply Chain Engineering, Data Mining, Project Management, OR, Logistics and Scheduling, Product Development

R.V College of Engineering, Bangalore, India   Sept 2010 - May 2014

Bachelor of Engineering in Information Science, GPA: 3.82/4.00
Relevant courses: Database Management System, Business Intelligence

TECHNICAL KNOWLEDGE:

Tools	: MS Office, Macros, MS Project, Tableau, Spotfire, Minitab, XLminer, VTIGER, SAS, JMP, Lingo, SAP MM
Skills	: Data Analysis, Supply Chain Planning, Predictive Analytics, Report Creation, Forecasting, Data Mining, Database Management, Lean Six Sigma, 5S, Fishbone Analysis, SolidWorks, Auto CAD, SharePoint
Languages	: C, HTML/CSS, XML, PHP, R, SQLite
Certifications	: Lean Six Sigma Green Belt, KPMG (License Number: BG072017210)

EXPERIENCE:

SlicePay, India – *Risk Analyst*   Jan 2016 - July 2016

- Led a team of 4 and organized review meetings and conferences and presented weekly progress.
- Enhanced the risk & policy framework for loan portfolio and planned the infrastructure to enhance fraud detection.
- Created dashboards to analyze fill rates, backorders in Tableau resulting in the improvement in the metrics.
- Employed the CRM tool (VITIGER) to keep track of customer profiles.
- Conducted data audits, quality checks to support improvements and maintained default rate below 2%.

Accenture, India- *Associate Software Engineer (Client: GrandVision, Netherlands)*   Aug 2014 - Dec 2015

- Designed, built, and tested SAP ERP application extensions, including customized reports, utilities, interfaces, and forms, using a combination of ABAP reports, function modules, classes and methods, BAPIs, BADIs, enhancements and forms
- Translated business and functional requirements into cohesive technical specifications using analytical and technical skills.
- Collaborated with other developers, analysts to gather requirements, provide status updates, participate in code reviews and team meetings, and collaborate on cross-platform data sharing solutions using communication skills.
- Worked closely with different teams such as Basis, BW/BI, FI/CO, CRM, Mobility to test and tune applications for optimized performance and integration.
- Participated in code reviews and in on-going improvements to development standards and methodologies.

PROJECTS

Allstate Insurance Purchase Prediction (Predictive Model | SAS – JMP), NEU, MA   May 2017 – June 2017

- Performed data analysis on 600,000 records of insurance purchase data.
- Cleaned and processed data to obtain purchase trends.
- Identified customer win-back strategy by utilizing techniques such as Random Forests, Linear Regression, and Neural Networks, which has potential incremental revenue of $0.2 M annually.

Cyber Crime Data Integration and Analysis, NEU, MA   Dec 2016 – Jan 2017

- Huge volumes of data pertaining to cyber-crime was cleaned and filtered.
- It was then subjected to SSIS (SQL Server Integration Services) for data integration.
- Visualizations were generated in the form of graphs and other reports.
- Technologies used are SAP Lumira BI Solution, SAP Visual Intelligence, SSIS, SAP Hana cube.

Database Design for Retail Application, NEU, MA   Sept 2016 - Dec 2016

- Designed a relational database schema using TOAD data modeler.
- Created multiple tables and managed the retail stores' data in MySQL.
- Applied database objects like triggers, stored procedures, views, functions on the database.
- Analyzed query results and generated reports which helped the retail organization to evaluate their sales.