

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:

KAVIKA (Karnataka Vidyuth Karkhane), India- *Manufacturing Intern*

June 2017 - July 2017

- Optimized the transportation costs using lean methodologies which resulted in better profit models.
- Analyzed and presented weekly KPI reports on customer response to changes in policies which helped in evaluating policy implementation challenges.
- Conducted stage inspection of raw materials that were received from various vendors for Quality Control.
- Implemented 5S in the production line which increased the production rate.

SllicePay, India – *Risk Analyst*

Jan 2016 - July 2016

- Enhanced the risk & policy framework for loan portfolio and planned the infrastructure to enhance fraud detection.
- Developed interactive dashboards which provided insights into the current business processes and their efficiency.
- Conducted data audits, quality checks to support improvements and maintained default rate below 1.5%.
- Led a team of 4 and participated in review meetings and conferences and presented weekly progress.

Accenture, India- *Associate Software Engineer (Client: GrandVision, Netherlands)*

Aug 2014 - Dec 2015

- Designed, built, and tested SAP ERP application extensions, including customized reports using ABAP, material resourcing planning software - SAP MM (Materials Module), function modules, classes and methods, BAPIs, and BADIs.
- Customized new material types and material groups and assigned number ranges for new material types.
- Organized stock transfers between storage locations, plants and company codes.
- Managed physical inventory and cycle counting, special stocks like consignment, subcontracting, returnable transport packaging, third-party processing, project stock, and externally owned special stocks.

PROJECTS

Inventory Monitoring & Controlling of ACS Machines Using Forecasting Techniques, NEU, MA

Jan 2017 - April 2017

- Studied the space consumption pattern of different materials used in ACS machines and built profit optimization model using ASP in Excel by gathering inventory data. Implemented Kaizen approach for continuous improvement.
- Leveraged quantitative forecasting methods (Time Series, Regression Models) for demand forecasting.
- Forecasted the economic order quantity using methods like Moving Average and Box-Jenkins.
- Performed risk analysis associated with product pricing which resulted in an incremental increase of profitability by 16%.

Traceability Improvement in Supply Chain Using RFID and NFC, NEU, MA

Jan 2017 - April 2017

- A prototype was built with Radio Frequency ID tags placed on products to enable item tracking.
- Publish time and location data were detected to provide visibility to supply chain trading partners.
- Inventory management and replenishment were automated using RFID capabilities at manufacturing sites.

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.