

Lava Kumar Reddy Kottha

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EDUCATION

Master of Science, Industrial Engineering
Arizona State University, Tempe, AZ

December 2012 **GPA: 3.33 / 4.0**

Courses

- Supply Chain Modeling and Analysis
- Information Systems Engineering
- Applied Stochastic Operations Research
- Simulating Stochastic Systems
- Financial Engineering
- Enterprise Modeling

Bachelor of Science, Marine Engineering
Birla Institute of Technology & Science, India

July 2009

GRADUATE PROJECTS

- Discrete Event Simulation of a Health Center
- Database Management System for an Electronics Retail Store
- Literature Review on Electronic Business
- Effective Management of Engineering Materials Procurement

EXPERIENCE

Bayer Material Science, Pittsburgh

Technical Materials Procurement Intern

(June 2012 – August 2012)

- Strategic Sourcing Project on Filters
Analyzed the spend data on filters across all manufacturing plant sites of Bayer Material Science and Bayer Crop Science for 2010,2011 and proposed strategies which could help reduce the spend.
- Updated Static Vendor catalogs for the Electronic Procurement System (ProCURE) which serves as an e-catalog consolidator.
- Managed Competition Project for different vendors.
Gathered data for a group of technical materials (Pipes, Fittings & Flanges) bought over last 3 quarters from two vendors and made reports to be sent to them both to compare and display the business they have going and the business lost, thereby promoting a competition between them which could eventually lead to a reduced pricing on items.

Eitzen Marine Services, Singapore

Trainee Marine Engineer

(August 2009 – July 2010)

- Assisted the Chief Engineer on board on an LPG/Ethylene vessel with weekly performance testing of propulsion plant, auxiliary engines and calibrating pressure of steam boiler gauges
- Monitored lube oil deterioration by Spectro - Analysis
- Managed Inventory of fuel, lubricant oils and onboard tools and spare parts by Pareto Analysis
- Administered the risk and safety analysis for the tasks undertaken in the engine room

CORE COMPETENCIES

- Procurement
- Strategic Sourcing
- Marine Engineering
- Business Analysis
- Warehousing/Operations

COMPUTER SKILLS

- MS Office Suite (Excel, PowerPoint, Word)
- MySQL, AMPL
- C, C++
- SAP