

ROHIT SEHGAL

Current Address:

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OBJECTIVE

Utilizing my engineering skills and abilities to aid in personal growth and provide a positive influence in the organization.

EDUCATION

& CERTIFICATIONS

B.Sc. Industrial and Systems Engineering, May 2012

Virginia Polytechnic Institute & State University (Virginia Tech), Blacksburg, VA

Certified Lean-Six Sigma , Green Belt (In progress)

Certified HTML developer, July 2012

W3 Schools

Microsoft Office Certified, July 2012

NCS Academy

SKILLS

Computer

Languages/Applications:

- Auto CAD
- PLC programming
- JAVA
- HTML
- UML
- Minitab

Skill set:

- Lean Manufacturing
- Six Sigma
- Project Management
- Business Analysis
- SDLC processes

Languages:

- English
- French
- Hindi
- Arabic

ISE EXPERIENCE

Logistics Engineering Project: Virginia Tech

(Aug-Dec, 2011)

- Gathered and analyzed supply chain data
- Created freight costing models and applied regression techniques where applicable
- Developed production capacity models based on production information and forecasted sales
- Created IRR models, performed cash flow analysis, and justified capital investment

Lean Manufacturing I Project: Virginia Tech **(Jan-May, 2012)**

- Assisted in planning of relocation of facilities and operations.
- Designed facilities and layout of buildings, machines and equipment.
- Assisted with Kaizen events by establishing course of action to accomplish task
- Introduced and recommended changes to work methods, safety measures, and labor organization.
- Developed methods for controlling production costs and costs analysis.
- Maximized facility efficiency through establishment of Kanban and inventory systems
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Project Management and System Design: Green Sustainability Framework, Carillion Clinic **(Aug 2011- May 2012)**

- Evaluation of current sustainability efforts at Roanoke Memorial Hospital
- Performed the role of facilitator to conduct **JAD** session for requirement gathering
- Prepared **BRD** and then converted these requirements into Functional Requirement Specification **(FRS)**
- Designed framework and a database for a structured sustainability program using SQL and PLSQL.
- Extensive involvement in the development of application by using **RUP**.
- Conducted **GAP analysis** to find out missing things in project
- Generated an optimal solution keeping in mind regulatory requirements **(HIPAA)**
- Performed performance tuning and provided Carillion with support documentation.

LEADERSHIP ACTIVITIES

- **Treasurer**, Indo-Pak Student Association (IPSA), Virginia Tech **(2010-2012)**
- **Secretary**, Environment Council, Delhi Private School (DPS), **(2005-2006)**
- **Guest Speaker**, Dubai Environmental Council spoke about need for recycling and sustainable development **(2005-2006)**

HONORS AND ACTIVITIES

- Member of the Institute of Industrial Engineers (IIEs) **(2009-2011)**
- Spearheaded paper and metal can recycle drives sponsored by multinational firms **(2004-2007)**