

Vinod Bulusu

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EDUCATION

Massachusetts Institute of Technology <i>Master of Engineering, Operations/Supply Chain</i> <ul style="list-style-type: none">Honors: MIT Competitive ODGE fellowship covering entire tuition and providing monthly stipendGMAT: 750	Cambridge, MA June 2015
IE Business School <i>Master of Business Administration (MBA)</i> <ul style="list-style-type: none">Honors: IE Blended program scholarshipClubs: Operations Management leadership board, Consulting club member	Madrid, Spain March 2015
University of New Hampshire <i>Master of Science, Chemical Engineering</i> <ul style="list-style-type: none">Honors: Dean's summer fellowship, Teaching Assistantship	Durham, NH September 2006
Andhra University <i>Bachelor of Technology, Chemical Engineering</i> <ul style="list-style-type: none">Honors: Ranked in top 5% of chemical engineering students across India in an examination conducted by IIT	India April 2003

EXPERIENCE

Amgen Inc. <i>Senior Engineer and Team Lead - Operations</i> <ul style="list-style-type: none">Led several new product introductions by designing engineering solutions, and collaborating with suppliers, R&D and manufacturing to enable commercialization of multiple pipeline moleculesCollaborated with Supplier Quality Management (SQM) to establish release specifications and audit guidelines for raw materials to reduce supply chain riskRepurposed an existing facility by managing key activities in a \$70 million capital project, increasing manufacturing network flexibility and, reducing commercialization timeline of pipeline products by 25%Devised a strategy to reduce the product introduction timeline of pipeline products by creating synergies across a cross-functional group, providing savings of about \$ 2 million per new product introductionDesigned an innovative prototype resulting in significant improvements in predicting implementation outcomes of manufacturing processes by managing a budget of \$750,000Utilized advanced analytics to implement "Big Data" initiatives to enable predictive analysis and real time corrections of potential deviations in manufacturing processesInitiated the concept of Lifecycle Management in Process Development by partnering with Business Operations, and identified opportunities to reduce cost of sales by \$1.5 million for a pipeline productChampioned the concept of operational excellence by creating standardized platforms for various operations to generate best practices, increasing efficiency by up to 10% for numerous operationsMentored junior staff to take additional responsibilities in managing issues during production, leading to successful product disposition to patients and, reducing the product disposition timelines by 10%Awards: Bravo for flawless execution, Operational Excellence award, Best pipeline award of the year	Thousand Oaks, CA March 2009 – September 2014
Engineer- Global Process Engineering <ul style="list-style-type: none">Managed the design of experiments, balancing resources and information needed to achieve accurate resultsImplemented Quality by Design (QbD) approach to facilitate development of flexible processes, increasing the yields of manufacturing operations by up to 5%Trained over 100 new manufacturing staff to ensure proper orientation of Amgen's business practices, facilitating faster integration of new staff	February 2006 – February 2009

ADDITIONAL

- Presented and published at IBC life sciences conference, AIChE annual meeting and Chemical Engineering Science
- Expertise in Data analytics (SIMCA-P+), Statistics (JMP), Tableau, FDA regulations, Operational Excellence
- Leadership team Thousand Oaks Ekal Vidyalaya team that led fundraising, outreach events, to create "a dollar a day" schools in India. Raised over \$8,500 in donations and initiated 5 new schools in India. (2010-present)
- Interests: Traveling; hiking; inventing delicious, yet healthy, recipes; working out at the gym
- US permanent resident