

Hemant Vasant Disale

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SUMMARY

Master of Engineering Management with experience & expertise in engineering project management, financial & root cause analysis, value analysis (VA), driveline & chassis technology. Solid organizational skills with ability to coordinate multiple projects simultaneously, work under pressure and meet deadlines under time constraints.

EDUCATION

Northwestern University | *Masters in Engineering Management* | Evanston, IL | CGPA: 3.79/4.0 Dec 2016
Course highlights: Finance & Accounting, Marketing, Decision Tools, Leadership & Organizational behavior, Negotiation skills, Operations Excellence, Strategic management, Project & Supply chain management.

Vishwakarma Institute of Technology | *B.E. in Production Engineering* | Pune, India | CGPA: 8.58/10 May 2011

WORK EXPERIENCE

Summer Intern – Consultant | Schneider Electric | United States Jun 2016-Aug 2016

- Conducted & produced a financial analysis report identifying CAPEX, revenue streams, NPV, IRR, ROI, that is being assessed for implementation of a solar+storage+EVcharging microgrid project by collecting & cleansing energy load data, integrating & generating HOMER, DER-CAM models for clients like Argonne National Lab & Northwestern University

Senior Engineer – Off highway systems | ZF India Private Limited | Pune, India Jan 2013-Aug 2015

- Led & coordinated engineering projects between global cross functional teams focusing on value analysis (VA) & competition benchmarking, resulting in 5% cost reduction on overall transmission BOM.
- Directed cost reduction workshops, planned and monitored the implementation of cost reduction ideas in phases considering the technical and commercial validation with suppliers, customers and internal engineering team.
- Improved & led product line failure handling process as a single point contact to OEM customers by implementing a master sheet resulting in streamlining of root cause analysis process, timely resolution of customer issues & continuous improvement.
- Supported customer interactions for duty cycle measurements, product allocation & sign-offs as an application engineer.

International Post-Graduate Trainee | ZF Friedrichshafen AG | Germany Oct 2011-Dec 2012

- Formulated & implemented a business process model for business development activities between cross-national locations using workflow chart & inputs from different process owners resulting in tracking & streamlining of business activities.
- Conducted clutch calculations & standardization project on off-highway system transmission using excel & Pro-Engineer resulting in master sheet for clutch safety factor calculation & potential cost savings from standardization of components.
- Investigated the feasibility of localizing a transmission in India in collaboration with global cross functional teams by conducting market study, identifying CAPEX, cost & revenue streams resulting in a business case aiding effective decision making.

Global ZF project management system certificate | ZF (China) Investment Co., Ltd | Shanghai, China Nov 2014

ACADEMIC PROJECTS

Capital budgeting analysis | Northwestern University | Evanston, IL Apr 2016-Jun 2016

- Developed a discounted cash flow (DCF) model for Tesla's Model 3 & Facebook's Oculus Rift project, resulting in NPV and IRR.
- Conducted risk analysis using decision tree and @risk simulation resulting in risk adjusted NPV and go/ no go recommendations.

Project estimation and valuation | Northwestern University | Evanston, IL Jan 2016-Mar 2016

- Analyzed the feasibility & created a project plan for development of a new drug considering the regulatory approval process, revenue potential, risk analysis and mitigation, probability of commercial success resulting in a go/ no go recommendation.

SUPPLEMENTAL SKILLS

- Technical, Business & Soft Skills: Problem solving, critical thinking, data analysis & interpretation, decision making, accounting, automotive technology, design & development, financial modeling, analytical problem solving, manufacturing, application engineering, project planning, project management, negotiating, conflict management, delegation, reporting, collaborating, leadership, adaptability, effective communicator, multitasking, presentation
- Technology: Pro-Engineer, Axalant, Microsoft office suite (Word, Excel, PowerPoint), MS project 2013, Tableau
- Leadership & volunteering: Pro-Engineer software trainer (2010); Led a team of fellow students to design departmental magazine (2009)
- Languages: English (Fluent), Hindi (Native), German (Intermediate)