

ABHIK BERA

GSM: +1-224-401-6174 abhikbera2017@u.northwestern.edu

PROFILE

Masters candidate in Engineering Management, with 7 years of experience as an Electrical Design Engineer in preparing detailed engineering & design documents for EPC of large scale Oil & Gas projects. Worked in large project teams (100+ Man-power) with multidisciplinary coordination and developed strong communication skills, working with various clientele, vendors and project teams across the globe. Demonstrated strong leadership qualities, along with delivering safe and ethical design complying end-user expectations, which was recognized and awarded at various levels in the past organization. Currently, seeking a challenging **Project Management** role in power and energy sector.

EDUCATION

Master of Engineering Management Expected Jun'17
Northwestern University- Evanston, IL GPA: 3.825
(Mc-Cormick School of Engineering & Kellogg School of Management)
Relevant Coursework: *Strategic Management for Engineers, Project Management, Finance, Business law, Powering up future and International Business Strategy*

Bachelor of Engineering in Electrical Jun'09
Fr. C. Rodrigues Institute of Technology - Mumbai University, India Aggregate: 71.64% GPA: 3.78

EXPERIENCE AND RESPONSIBILITIES

Northwestern University, Evanston Present

- Currently, working on a project dealing with financial feasibility for Solar Micro-grid setups, with Schneider and ViZn energy. Initial deliverables shall be the *Feasibility Study Reports* using the simulated outputs delivered out of softwares, namely HOMER and DERCAM, which when approved by end-user, would move into execution of the project.
- Active member of (ISEN) Institute for Sustainability and Energy at Northwestern University. Selected to be a part of a highly competitive course across all schools at Northwestern University- Powering up future, mainly showing casing the alternative (clean-tech) energy sources, energy regulations and policies by industry mentors.
- Assisting Professor. Mark Werwath, as an undergraduate teaching assistant, for the course Industrial Engineering Design Project.
- Vice-Chair of Student Advisory Board (SAB), for Master of Engineering Management to facilitate and coordinate, industry connect, interdisciplinary competition and other activities in department.
- Successfully, executed the 8 week, business simulation of automobile industry, with our final team standing of 3rd position, against other teams in the class, for the course- Engineering Management.
- Acquired advanced decision making tools knowledge, for process improvements, decision making, and forecasting using simulations, which can be implemented to real life scenarios.
- Basic introduction to US business law, with specific focus on contracts, torts, partnerships and corporation through the course - *Business law* from Kellogg School of Management.
- Introduction to International Business Strategy, focusing on micro economics and frameworks to formulate strategies that will help them compete in the global marketplace
- Managerial Analytics, with introduction to Descriptive, Predictive and Prescriptive analytical techniques using Tableau, Weka and Office Site. Worked a group project to provide recommendation suggesting steps to maximize revenue and utilization improvement of Divvy Bikes.

Petrofac International Limited, Sharjah, UAE (Designation: Electrical Engineer-1) Nov'15 – Jun'16
Projects successfully handled in the capacity of Electrical Engineer-1 in Electrical Department:
a) **Yibal Khuff Project.** (Client: PDO- Petroleum Development of Oman), a field located south west of Muscat, from Nov'15 – June'16.

Petrofac Engineering India Limited, Mumbai, India (Designation: Electrical Design Engineer) Jul'09– Nov'15
Projects successfully handled in the capacity of Electrical Design Engineer in Electrical Department:
a) **Khazzan Tight Gas CPF Project.** (Client: British Petroleum -BP), a greenfield project worth US \$ 1.2 billion at Oman, from May'14- Nov'15
b) **Badra, CPF Project.** (Client: Gazprom, NEFT), a greenfield project US\$330 million at Badra field, southern Iraq, from Apr'12- Apr'14
c) **Kauther Gas Plant [Phase-II]** (Client: PDO- Petroleum Development of Oman), an extension to existing plant as well as greenfield scope project worth more than US \$ 350 million at Oman, from July'09-May'12.