

SITANSHU GOYAL

sitanshugoyal2023@u.northwestern.edu | + 1 (224) 391-8648

Current Address:

1915 Maple Ave, Engelhart Hall 425, Evanston, IL, 60201

Permanent Address:

160, Narottam Nagar, Khanna, Punjab, India, 141401

WORK EXPERIENCE

CleanestCharge, United States

(Sep-22 ~ Onwards)

Project Intern

- Teamed to vet solar output to battery energy storage for EV fast charging stations ensuring technical matching for totally DC-coupled microgrids

Samsung Engineering, India

(Jul-10 ~ Sep-16) (Apr-18~ Jul-22)

Principal Engineer

- Headed 20-member teams to successfully execute Oil & Gas, Petrochemical, and Refinery projects totaling \$5Bn in CapEx across the US, Middle East, South-East Asia, and Russia; delivered large capital projects within limited budget and tight schedules
- Directed teams to prepare cost estimates for bid proposals aggregating to \$10Bn in value; won high-profile contracts
- Ideated system improvement processes by implementing "System Thinking" fundamentals to improve system efficiency by 25%
- Owned interactions with project stakeholders for milestone meetings, constructability & design reviews, involving negotiations and critical interface management issues
- Conceived value engineering ideas in consultation with senior management to reduce project CapEx by \$10Mn across different projects
- Prevented \$150Mn as liquidated damages by streamlining delivery of structural steel and pre-emptying the delay in construction at project site in UAE
- Conceptualized system development initiatives; achieved a 30% reduction in engineering man-hours through standardization

Previous Experiences

Bechtel Corporation & Fluor Corporation, India

(Jul-07 ~ Jun-10) (Sep-18~ Apr-18)

- Led a 15-member team for the Front-End Engineering Design of a \$3.9Bn refinery upgradation in Indonesia
- Spearheaded coordination between cross-functional teams and vendors; delivered drawings 1 month ahead of schedule at Lyondell Basell's project site in Texas
- Collaborated with a multi-disciplinary team for the design of 700-ton modular structures in a \$300Mn refinery upgradation project in Roxanna, Illinois for Conoco Phillips

EDUCATION

Northwestern University, United States

(Anticipated Dec-23)

Master of Engineering Management – STEM program

- Process & Project Management, Change Management, Strategy, Finance, Marketing, Clean Energy

Thapar University, India

(Jun-07)

Bachelor of Engineering (Major: Civil Engineering)

- First Division with GPA: 8.39 / 10, conferred merit-based scholarship (awarded to top 3 out of 46 students)

CERTIFICATIONS

- "System Thinking" certification by "MIT xPRO"
- CSPO certification by Scrum Alliance

SKILLS

- **Technical Skills:** Construction Project Management, Bid Proposals, CapEx optimization, Quality Control, OSHA compliance, Scrum, System-design, Minitab, Data driven decision tools, Linear programming, MS office suite
- **Soft Skills:** Stakeholder management, Negotiations, Technical writing, Cross-functional team leadership, Task ownership, Detail-oriented, Effective communication

AWARDS & RECOGNITIONS

- Awarded 3rd prize from 125 innovation ideas submitted across all offices in Samsung's global innovation drive 2021
- Awarded with Bechtel's Leader+ awards in 3 different projects for demonstrating leadership, commitment, and collaboration

VOLUNTEERING & INTERESTS

- **Community engagement:** Collaborated with Engineers without Borders (EWB) Houston Chapter and Bechtel's Houston team to build a biogas plant in a remote Indian village
- **Interests:** Equity investment, modern calligraphy, cooking Indian food, and traveling countryside