

# PRANAV PRATHIPATI

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## EDUCATION

**MASTER OF ENGINEERING MANAGEMENT | PRODUCT MANAGEMENT** | Northwestern University, *Evanston, IL*

Graduation Date: **Dec 2024** | **Courses:** NUvention Energy, Project Management, Sustainable Supply Chain Management

- GPA: 4.0/4.0

**BACHELOR OF TECHNOLOGY IN CHEMICAL ENGINEERING** | Manipal Institute of Technology, *Manipal, India*

2017-2021

- Minor in Business Management

## EXPERIENCE

**ASSISTANT MANAGER- PROJECTS**, JSW STEEL LIMITED, *Karnataka, India*

August 2021 – June 2023

- Managed complete project lifecycle management for the Coke Ovens Project (3 MTPA), from initiation through commissioning and testing phases. Aligned with a \$450 million budget, and ensuring timely completion.
- Optimized data management and visualization using Excel and VBA, resulting in more efficient KPIs for regular and monthly performance evaluations, saving up to 2 hours in daily operational time.
- Influenced strategic decision-making by presenting actionable carbon emission reduction strategies to C-suite executives, aiming for a 45% reduction by 2030 to align with net zero goals.
- Enhanced gas supply systems through automation utilizing HMIs, alongside the implementation and drafting of Standard Operating Procedures with interlocks, achieving a 90% reduction in accident risk.
- Collaborated with a cross-functional team of subject-matter experts to conduct Root Cause Analysis, resolving critical commissioning issues, which ensured optimal plant functionality and adherence to quality standards.
- Streamlined the production processes in the newly commissioned plant using Lean Six Sigma and DMAIC framework, resulting in a 95% on-time completion rate and 60% reduction in lead time.

**TECHNICAL PROJECT MANAGEMENT INTERN**, AQUAFLOW SYSTEMS, *Hyderabad, India*

January 2021 - May 2021

- Planned, designed, and set up a 200 Liter Leachate treatment pilot plant at the Hyderabad Integrated Municipal Solid Waste Plant that assessed the biological method for treatment of leachate.
- Evaluated results, optimized flow rate, and fine-tuned other parameters to decrease the leachate's COD, BOD, and other dissolved solids by nearly 45%.

## PROJECTS

**PROJECT MANAGEMENT CONSULTANT** | Horizon Therapeutics, *Evanston, IL*

January 2024 - Present

- Led a comprehensive analysis for Horizon Therapeutics, focusing on the risk-adjusted NPV of a drug within their pipeline, integrating project plans, risk assessments, cost analyses, and schedules pre-product launch.
- Coordinated a cross-functional team in the analysis and forecasting of post-launch revenue potentials, market adoption risks, competitive landscape positioning, and strategic market entry for the drug.

**CO-FOUNDER AND HEAD OF STRATEGY** | E-Mobility, *Evanston, IL*

September 2023 - Present

- Developed an EV on-demand charging service, aimed at urban convenience and sustainability. Integrated second-life Li-ion batteries based on 50+ interviews with stakeholders, addressing key urban EV challenges.
- Performed various assessments to ensure product viability, including market research, customer pain point analysis, competitor analysis, unit economic modeling, energy arbitrage analysis, and ecosystem mapping.

**PRODUCT MANAGER** | [SafeDrop](#), *Evanston, IL*

September 2023 - December 2023

- Directed market research to transform urban food delivery with secure digitized lockers, aiming to reduce the 24% refund rate from delivery issues, and identified key unmet needs and success metrics.
- Managed SafeDrop's R&D, encompassing user persona creation, MRD formulation, business model analysis, wireframe design, and PRD creation, while defining product features and product roadmap for the future.

## SKILLS

**TECHNICAL:** MS Project, SAP, C++, Microsoft Office, Figma, Adobe CreativeSuite, Python, AutoCAD, Minitab, SQL, Trello

**BUSINESS:** Project Management, Product Management, Plant Commissioning, Data Analysis, Strategy Formulation, Lean Six Sigma, Digital Transformation, Plant Automation, 5S, Competitor Analysis, Operations Management

**ACHIEVEMENTS:** FEV Consulting Case Day Finalist, AI EarthHackathon - Top 15%