

## Expert CV – Musaddiq Amin

M.E. (Construction Management), B.E. (Civil)



Professional Title:

Independent Consultant – Data Analytics and Project Optimization Specialist

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### Professional Summary

Musaddiq Amin is an accomplished consultant specializing in Project Management, Data Analytics, and Project Optimization. With a robust background in leading large-scale renewable energy and infrastructure projects, he brings over 7 years of experience in delivering strategic project management solutions. His expertise spans delay analysis, risk management, supply chain optimization, and contractual dispute resolution. Musaddiq excels in leveraging data-driven insights to streamline project workflows, ensure stakeholder alignment, and drive projects to completion within stringent deadlines and budget constraints. His ability to analyze complex scenarios, develop actionable solutions, and foster collaboration makes him a trusted expert in his field.

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### Core Strengths

- **Strategic Project Leadership:** Directed project management operations for Powerchina Huadong, leading planning, execution, and completion of renewable energy projects.
  - **Data Analytics Expertise:** Utilized data analytics to perform forensic delay analysis, evaluate project performance, and identify areas for improvement to optimize resource allocation and timelines.
  - **Contractual and Claims Management:** Skilled in managing claims analysis, negotiating contract terms, and resolving disputes, minimizing disruptions and ensuring compliance with project requirements.
  - **Planning and Scheduling Mastery:** Proficient in developing resource-loaded schedules, performing critical path and time-impact analyses, and implementing best practices to meet project objectives.
  - **Supply Chain and Procurement Optimization:** Adept at vendor evaluation, subcontractor onboarding, and procurement strategies, ensuring alignment with project goals, quality standards, and cost efficiencies.
  - **Risk Management:** Conducted risk assessments and developed mitigation plans to address scheduling conflicts and resource constraints, ensuring smooth project execution.
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## Key Projects

- **3x50 MW Wind Power Project at Sapphire Renewables:**
  - Developed the Master Project Schedule and maintained resource-loaded schedules to ensure timely achievement of milestones within budget.
  - Conducted delay analysis and implemented corrective actions to address potential disruptions.
- **Multiple Wind Power Projects at Powerchina Huadong Engineering Corporation Limited:**
  - Managed end-to-end project planning, claims resolution, and subcontractor coordination for large-scale renewable energy initiatives.
  - Negotiated contracts and vendor agreements, ensuring enforceability and clarity of terms, timelines, and deliverables.
  - Led claims analysis processes, including identification, justification, and resolution of potential claims to minimize project disruptions.

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## Professional Experience

- **Manager - Project Management Office (PMO), Powerchina Huadong Engineering Corporation Limited (2023-Present)**
  - Directed PMO activities for multiple wind power projects, managing planning, execution, and closure phases.
  - Led strategic claims analysis and subcontractor onboarding to streamline project workflows and resolve disputes.
- **Deputy Manager - Supply Chain, Powerchina Huadong Engineering Corporation Limited (2022-2023)**
  - Optimized procurement strategies, conducted risk assessments, and improved project efficiency through advanced planning tools.
- **Delay Analyst, Aurtel Consulting Group (2016-2017)**
  - Conducted forensic schedule analysis to identify and quantify delays, preparing detailed reports and extension of time claims.

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## Education

- **Master of Engineering (Construction Management)** - NED University of Engineering & Technology (2019-2021), CGPA: 3.69/4.00
- **Bachelor of Engineering (Civil)** - NED University of Engineering & Technology (2011-2015), CGPA: 3.404/4.00

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## Technical Expertise

- **Software Proficiency:** Primavera P6, Microsoft Project, AutoCAD, ETABS, Microsoft Office Suite.
- **Analytical Techniques:** Critical Path Analysis, Time Impact Analysis, Delay Mitigation, and Risk Assessment.

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## Certifications

- Currently pursuing PMP Certification (ongoing PDUs and training).