

# YASH BAROT

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## EDUCATION

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**New York University, Tandon School of Engineering**, Brooklyn, NY May 2021  
Master of Science, *Civil Engineering*  
Specialization in *Construction Engineering and Management*  
**Relevant Coursework:** Project Management, Cost Estimation, Construction Scheduling, Risk Analysis, Environmental Impact Assessment, GIS  
**Mumbai University, Rizvi College of Engineering**, Mumbai, India May 2017  
Bachelor of Engineering, *Civil Engineering*

## EXPERIENCE

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**Project Engineer / APM, Optimal Construction**, Singer Island, Florida October 2021 – September 2022

- Created RFIs on Corecon as required, after understanding issues from subcontractors to get clarity from the engineers/designers.
- Studied various submittals and uploaded them on Corecon for getting approvals from the engineers/architect
- Estimated quantity of work to be done or material required
- Took quotations from various sub-contractors, manufacturers and vendors for various works and materials and prepared levelling sheet for approval from clients
- Prepared detailed subcontracts and change orders by discussing and finalizing work that needed to be performed by the subcontractors.
- Prepared purchase orders by negotiating the price and lead time with the supplier/vendor in order to procure materials in a timely and systematic manner
- Worked on resolving design issues by coordinating with the interior designer, owners, architect, engineers and subcontractors

**Project Engineer / APM, Aspire Construction Company**, Flemington, New Jersey June 2020 – October 2021

- Prepared project schedule on Primavera P6 by studying project plans and specifications, calculating time requirements, and sequencing project elements
- Engaged with Township authorities in order to receive various construction permits and pass the inspections
- Took quotations from various sub-contractors, manufacturers and vendors for various works and materials and prepared levelling sheet for approval from clients
- Managed challenging field coordination issues with various subcontractors and vendors by figuring out solutions that were both time and cost effective

**Site Engineer, Relcon Infraprojects Limited**, Mumbai, India June 2017 – May 2019

- Supervised technical aspects and solved technical issues on site
- Estimated quantities, prepared BBS (Bar Bending Schedule) and cross checked with the BOQ (Bill of Quantities)
- Drafted DPR (Daily Progress Report) to record site progress and prepared mini schedules

## ACADEMIC PROJECTS

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**Cost Estimate for Queens Library Project, New York University** December 2019

- Managed the distribution of work amongst the team members and prepared the BBS (Bar Bending Schedule)
- Calculated various quantities with the help of Bluebeam Revu software and utilized RS Means Online Database for assigning rates for each activity

**Schedule for Canyon Country Community Center, New York University** December 2019

- Led the effort in analyzing various activities involved in the project and determining their sequence
- Identified Critical Path for the project and estimated the duration of the project with the help of Primavera P6 software

## COMPUTER SKILLS

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BIM, Procore, Corecon, Primavera P6, Microsoft Project, Bluebeam Revu, CostX, AutoCAD, ArcGIS, Primavera Risk Analyzer