

Shubhang Gaur

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Graduate student in Construction Management Technology program at Purdue University with an undergraduate degree in Civil Engineering. Looking for internship and co-op positions starting May 2023. Willing to relocate.

EDUCATION

Purdue University
Master of Science in Construction Management Technology
Guru Gobind Singh Indraprastha University
Bachelor of Technology in Civil Engineering (GPA 7.92/10)

West Lafayette, IN
Expected Dec 2023
New Delhi, India
June 2017 - June 2021

WORK EXPERIENCE

Swastik Construction Company

Project Engineer

New Delhi, India

Aug 2021 - Aug 2022

- Managed project operations, planning & scheduling for a public works project for the Transport Department of Delhi. Successfully coordinated with Maruti Suzuki to complete the proposed driving track within the facility.
- Led the build-out of a shipping container project valued at \$4M. Ensured smooth transportation of 15 full-size shipping containers by coordinating with the shipping company and the development authority.
- Spearheaded initiatives to increase collaboration across the organization by incorporating Autodesk Construction Cloud, led workshops, and established a work culture centered on collaboration, which reduced rework by 43% and increased time savings by 55%.
- Prepared contracts and detailed estimates for a \$10M school renovation project using Revit for quantity takeoffs and Microsoft Excel to present the output.

Construction Intern

June 2020 - Aug 2020

- Redesigned material procurement system by defining and optimizing procurement rules and procedures to cope with the material shortage during the COVID-19 pandemic resulting in on-time delivery of construction material.
- Assisted the project management team with preparing the Detailed Project Report by doing a comprehensive inspection of the works.
- Applied for various building and safety permits to work during the lockdown, preventing unnecessary delays.

Bigboys Interiors Design LLC

Construction Intern

Dubai, UAE

June 2019 - Aug 2019

- Responsible for all phases of concept, design, and execution for Emaar's shipping container shopping complex.
- Worked closely with all stakeholders to determine items that provided the highest return on investment.
- Drafted RFI's and submittals through Procore to clarify different trades of work.

SKILLS

Leadership Skills

- Led my team to win an **inter-college Hackathon** organized by B.M. Institute of Engineering and Technology. My colleague and I developed Organic Plaster that requires minimal energy to produce and contains a large percentage of recycled materials. We took this further and wrote a research paper on our discovery.
- Led a team of 4 to make **bendable concrete**(an easily molded mortar-based composite reinforced with polymer fibers). Submitted a report for the college magazine demonstrating the benefits and ways to recycle concrete.
- Represented Delhi in Ball Badminton at the **National level** and received an **Award for Excellence** and scholarship.
- Managed the **Robin Hood Army** food drive by distributing surplus food from restaurants to less fortunate people.
- Organized education drive for underserved children with **Rotaract club**.

Technical Skills

- Software:** Microsoft Project, Primavera P6, Procore, AutoCAD, Revit, Navisworks manage, Sketchup, Bluebeam Revu, Excel, Word, PowerPoint.
- Certifications:** Structural and Foundation Analysis Project-based Course from Skyfi Labs, Certificate course in AutoCAD from Autodesk.

PUBLICATIONS

- Organic plaster using lime*, International Journal of All Research Education & Scientific Methods, Volume 09| Issue No. 10| October 2021.