



Career Objective

A construction management enthusiast looking for full time opportunities starting May'21.

Educational Affiliations

Purdue University, Graduate Teaching Assistant, *West Lafayette, IN* Aug 2019 - Present
BIM Instructor, Computer Graphics Technology Department

Purdue University, *West Lafayette, IN* Aug 2019 - Present
Master of Science in Construction Management Technology GPA: 4.0/4.0
Master's Thesis: Generative Design using Visual Programming for Construction Site Layout Planning

Nirma University, *India* Aug 2015 – May 2019
Bachelor of Technology in Civil Engineering GPA: 3.9/4.0

Professional Experience

Tesla, Inc., *Fremont, California* | VDC Project Management Intern May 2020–August 2020

- Performed Laser Scanning for BIM-Coordination, and Design Verification of As-Built Structures.
- Conducted site walks with Industrial, MEPF and Architectural teams for model updates on BIM 360.
- Organized progress review meetings of various stakeholders to ensure clash-free project execution.
- Generated Federated Models by incorporating Manufacturing and Heavy Equipment model layouts.
- Implemented Pilot Projects on Mixed Reality, Robotics, and Automation in Construction.

Aashir Engineering Private Limited, *India* | VDC Intern Jan 2019 – May 2019

- Identified and resolved clashes in the MEPF utilities through Coordination in Navisworks.
- Created 4D and 5D simulation to track construction schedule and analyze cost progress.
- Accelerated and tracked changes in the design process through Dynamo and Revit Plug-Ins.

Shyam Kutir, *India* | Construction Planning Intern May 2018 – June 2018

- Built WBS and linked activities to identify Critical Path in Primavera P6.
- Collaborated with CM to ensure the development of baseline schedules and profile critical timelines.
- Organized the scheduling management system to maintain the task database and its dynamic status.

Savvy Swaraaj, *India* | BIM and Project Management Intern May 2017 – July 2017

- Coordinated with the Project Manager to create and respond to RFIs and Bid Packages.
- Produced Good for Construction Documents and HVAC layouts for commercial centers.
- Revised and distributed Submittals for the project.

Savvy Swaraaj, *India* | Construction Site Intern May 2016 – July 2016

- Reviewed Shop drawings and assisted field personnel in managing inventory supplies.
- Supervised structural, electrical, and mechanical systems' coordination on-site.

Software Skills

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|-----------|----------------|-----------------|------------------|
| • Revit | • Navisworks | • Synchro | • ReCap Pro |
| • Procore | • Primavera P6 | • Blubeam Revu | • Cintoo |
| • AutoCAD | • MS Project | • Visual Studio | • C++ and Python |

Leadership Experience

- Volunteer at Shashvat Sangathan, *Organization working towards Women Empowerment*
- Curator and Editor-In-Chief, TEDx Nirma University – 2016 and 2017
- General Secretary at Invincible Leaders' League, *University based Student Association*