

VAIBHAV HIDAKAL

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EDUCATION

New York University – Tandon School of Engineering, NY, USA

MS, Construction Management and Engineering - GPA: 3.89/4

SEPT 2022

Key Learnings: Project Controls, BIM, Real Estate Investment and Development, Operations Analysis.

PUNE UNIVERSITY, MAHARASHTRA, INDIA

Bachelor's in Civil Engineering - GPA: 7.16/10

AUG 2016 - MAY 2020

EXPERIENCE

New York University – New York, USA

Business Analyst & Facilities Manager, Part-Time

Aug 2022 – Present

- Provided comprehensive technical support for the NYU enterprise application Space Management System (SMS), serving as a critical liaison between the system and the university's facilities department.
- Collaborated with construction project managers to source CAD files and conducted thorough reviews to ensure compliance with project specifications.
- Expertly edited CAD files using AutoCAD to optimize building floor plans for accurate and efficient updates to the SMS.
- Surveyed the space and updated drawings as necessary to ensure accurate and up-to-date floor plans, while also liaising with stakeholders to ensure timely and satisfactory resolution of space change requests.
- Contributed to the development and implementation of design & drawing standards for architectural drawings.

Shree Construction – Pune, IND

Construction & Infrastructural Development Firm - Owner, Construction Manager, Field Engineer

Mar 2020 - Aug 2022

- Administered construction work, quality assessment, and quantity surveying of five different infrastructural projects worth \$12M.
- Managed and supported the project management team as a construction manager in the completion of two Indian Railway's projects valued at \$8M, overseeing all aspects of construction and ensuring timely completion within budget and quality standards.
- Contributed to the architectural design and planning of structures, coordinating (RFIs), reviewing specifications and shop drawings from architects and consultants to ensure seamless project execution.
- Assisted the document controls team in setting up initial project information and e-tendering for government projects, estimated projects from scratch, and supported schedulers in developing RFP schedules and analyzing critical paths using Primavera P6.

Bhate & Raje Construction Company Pvt. Ltd. – Pune, IND

Project Intern

June 2019 - July 2019

- Developed architectural and structural models for residential buildings using Revit.
- Performed clash detection to create viewpoints and log issues in Navisworks.
- Monitored construction activities of a residential building and prepared daily progress reports.
- Organized progress review meetings involving various stakeholders to ensure clash-free project execution.
- Participated in OAC meetings and site walks with the design team for the project.

Cranex Machinery Pvt. Ltd. – Delhi

Project Intern

Nov 2018 - Jan 2019

- Monitored installation, maintenance and repairing of different type of construction equipment.
- Supervised and provided logistical support to about 20 clients all over India.
- Controlled and improved inventory management for about 200 materials and equipment.

Shree Construction – Pune, IND

Project Intern and Junior Field Engineer

May 2018 - July 2018

- Monitored construction activities for PEB shed with the help of progress reports.
- Created rebar shop drawings and bill of quantities.
- Assisted in monitoring change orders and quantity bill for billing engineers, and clarifying design related issues.
- Conducted site walks for client and inspected on-site work for safety.

ACADEMIC PROJECTS

- Designed and developed a **movable wall system** for LIG (Lower Income Group) so as to optimise the effective carpet area.
- Authored a paper on the use of **Artificial Intelligence in the field of Construction Management**.
- Prepared a research report on “**A Technical due Diligence Approach to Assess Buildings at the Handover Stage**”.
- Completed a thesis report on “**Experimental Study to Address the Issues of Mud Plaster**”.

SKILLS

- **Project Management:** Primavera P6, BIM 360, Autodesk Construction Cloud.
- **VDC:** Revit, Navisworks, Synchro.
- **Others:** RSMeans Online, MS Office, Google Docs, Lumion Pro, Sketchup Pro.