

# DISHITA GOEL

[dishitag@andrew.cmu.edu](mailto:dishitag@andrew.cmu.edu) | (412) 287-2418 | [www.linkedin.com/in/dishita-goel-ab7198220](https://www.linkedin.com/in/dishita-goel-ab7198220)

## PROFILE SUMMARY

Graduate Architecture, Engineering, and Construction Management student seeking a Summer 2025 internship. Skilled in subcontractor evaluation, quantity takeoffs, project budgeting, and field supervision. Proficient in Microsoft Office, Bluebeam, Procore, Primavera P6, and Revit. Experienced in project scheduling, material tracking, high-quality documentation, and fostering team collaboration while ensuring safety compliance and maintaining confidentiality.

## EDUCATION

### Carnegie Mellon University

Master of Science, Architecture, Engineering, and Construction Management

Pittsburgh, PA

December 2025

### RV College of Architecture

Bachelor of Architecture

Bangalore, India

June 2024

## WORK EXPERIENCE

### Carnegie Mellon University, Building Performance and Diagnostics

Pittsburgh, PA

Research Assistant

August 2024 – Present

- Conducted site surveys to assess indoor air quality and related environmental conditions, gathering data on design, engineering, and operational factors impacting indoor environments.
- Developed a comprehensive database of more than 500 energy-efficient products across 20+ categories, detailing their energy-saving potential and environmental benefits.

### Carnegie Mellon University, School of Architecture

Pittsburgh, PA

Facilities Assistant

August 2024 – Present

- Oversaw daily operations of a 300,000-square-foot facility, coordinating maintenance and ensuring efficient use of space for various activities.
- Developed detailed CAD-based renovation plans for future school space improvements and created a comprehensive inventory system for SOA furniture and equipment.

### CBRE India Pvt. Ltd.

Hyderabad, India

Intern

April 2024 – July 2024

- Developed detailed design drawings for a 3,000,000 sq. ft. land parcel near the Tawi River in Jammu and Kashmir; performed thorough site analysis, developed area statements, and created 3D visualizations and a comprehensive lighting layout on AutoCAD and Revit.
- Assisted the senior consultant by producing markup drawings on Bluebeam and AutoCAD based on client discussions and meetings, to ensure clear and accurate communication of changes.
- Participated in coordination meetings with MEP consultants, integrating their suggestions to optimize design solutions, resulting in a 30% reduction in potential conflicts between architectural and MEP systems.

### Genesis Planners Pvt. Ltd.

Hyderabad, India

Construction Engineer Intern

January 2024 – April 2024

- Performed detailed quantity take-offs and scheduling for multi-phase construction projects, processing over 500 line items in Microsoft Excel to achieve 95% accuracy in material estimation.
- Coordinated the review and processing of more than 200 construction documents, including 50+ shop drawings and 75+ RFIs, while collaborating with subcontractors to resolve critical design issues, reducing potential delays by 25%.
- Finalized specifications for 25 different finish types and designed various iterations of column layouts and false ceiling designs, including multiple lighting design options, using AutoCAD.
- Led on-site inspections with the QA/QC team across a 100,000 sq. ft. construction site, documenting findings and tracking quality control checkpoints through Bluebeam and increased tracking efficiency by 40% and reduced issue resolution time by 30%.

### Studio DUSK Architects

Bangalore, India

Project Engineer Intern

May 2023 – July 2023

- Collaborated closely with the small team to optimize workflows, reducing project planning time by 25% and increasing overall productivity by 30% through streamlined processes and effective use of project management tools.
- Created architectural drawings and visualizations for various projects with an efficiency rate of 80%, while conducting site inspections that led to a 25% reduction in errors.

## OTHER PROJECTS

### AIKYAM, Community Resilience Shelter

August 2022 – May 2023

- Designed a 5000 sq.m resilient structure withstanding 8.6 magnitude earthquakes, reducing construction costs by 72% and energy consumption by 68%. Achieved an EPI of 21.5 kWh/sq.m/year, surpassing the 50 kWh/sq.m target. This innovative design balances seismic resistance, cost-efficiency, and sustainability, setting new industry standards for high-performance buildings.

## SKILLS

**Software:** Bluebeam, Procore, Microsoft Suite, Primavera, Revit, AutoCAD, SketchUp, Rhino, NavisWorks

**Certifications:** Procore (Student Certification), Smart PM Training (Oracle Primavera P6), Construction Scheduling (Columbia University), OSHA 10- Hour