

AKSHITA AGARWAL

Construction Management Graduate

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Dynamic Professional with hands-on construction project management experience, including a multi-million-dollar project for leading general contractor. Over 2 years of client-facing experience, delivering innovative solutions in project tracking, budget, schedule monitoring, project coordination and project documentation.

EDUCATION

Carnegie Mellon University, Pittsburgh, PA

December 2024

Master of Science, Architecture-Engineering and Construction Management (STEM), GPA: 4.11/4

SoA Merit Scholarship (2023-2024) by Carnegie Mellon Admission Committee

MS AECM Synthesis Award by Carnegie Mellon Architecture for Project Pavepulse

Jamia Millia Islamia, Delhi, India

July 2022

Bachelor of Science, Architecture, GPA: 4.0/4

FAE Merit Scholarship (2021-2022); top 1% of class

WORK EXPERIENCE

Besix, Project Engineer Intern for Guggenheim Museum, Abu Dhabi, U.A.E.

June 2024 – August 2024

Pioneering Belgium based general contractor with 300+ portfolio projects including the Burj Khalifa.

- Innovated custom business intelligence tools using DAX code in PowerBI & Python for \$1B project; promoted strategic decision making and 75% improvement in project management and project tracking efficiency.
- Strategized communication with 10+ subcontractors, to manage BIM coordination, change orders, and resolve AutoCAD shop drawing discrepancies through Requests for information (RFI).
- Optimized target schedule for 320,000 sq. ft. museum on Primavera P6 by assessing existing site conditions through field investigation; reduced project delays by 30 Calendar Days (CD).

Story of Spaces, Production Designer and Interior Stylist, Gurugram, India

August 2022 – December 2022

Multi-disciplinary production and space design firm; also designed sets worth \$2M for Bollywood blockbusters.

- Spearheaded 10+ in-depth client interviews to identify contract requirements; prepared meeting agendas and minutes according to client quality standards and generated report for budget management saving \$300K in construction budget.
- Engineered an efficient scheduling strategy on MS Excel for a 75,000 sq ft studio; reduced turnaround time by 50%.
- Facilitated project status reports and presentations using VDC to collaborate with 25+ cross functional stakeholders; resulted in 60% reduction in conflicts.

Anagram Architects, Intern Architect, Delhi, India

January 2022 – July 2022

Internationally recognized spatial design studio with 60+ awards.

- Orchestrated customized workshops with clients in the Asia-Pacific region to uncover requirements and business opportunities; achieved \$100K in additional business in 4 months.
- Collaborated with Principal Architect and vendors on a \$3M mixed-use Water Villa complex; managed RFI responses, AutoCAD drawings and cost reports to verify adequacy and completeness.

LEADERSHIP & ACTIVITIES

Pavepulse: AI for Sidewalk Infrastructure, Pittsburgh

- Proposed a geolocation-based mobile app integrated with ArcGIS, enabling real-time resident reporting of sidewalk issues.

Research Assistant for AECM Lecture Series, Events, and Competitions

- Orchestrated networking events and guest lectures featuring renowned AECM speakers at Carnegie Mellon University.

Commuter Rail Impact on Real Estate, Boston

- Analyzed real-estate data in using Esri's GIS software to quantify commuter rail access impact on property values.

VP for Rotaract Club Ghaziabad (2020- 2022)

- Amplified breast cancer awareness amidst 8000+ women through targeted campaigns including "Power of Ponytail".

SKILLS

Tools: Primavera, Bluebeam, Navisworks, MS Project, Microsoft Office Suite, PowerBI, AutoCAD, BIM, Python, ArchGIS

Certifications: Construction Manager-in-Training (CMIT), Procore Student Certified, Registered Architect (India)

Relevant Coursework: Project Management & Delivery, Geographic Information Systems (GIS), Construction Estimating, Project Controls & Planning, Transdisciplinary Thinking, Real Estate, Marketing for Entrepreneurship, Finance & Cost Management