

Ayesha Agnihotri

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EDUCATION

Carnegie Mellon University

Master of Architecture Engineering Construction Management (Merit Scholarship), GPA: 4.07

Pittsburgh, USA

Aug 2024 – Dec 2025

- **Coursework:** Project Management for Construction, Real Estate Development, Construction Cost and Control, Indoor Environmental Quality, Transdisciplinary Thinking, Project scheduling and Planning

Manipal School of Architecture and Planning

Bachelor of Architecture, GPA: 7.99/10

Manipal, India

Jul 2018 – Jul 2023

- **Coursework:** Architecture Design and detailing, Structural Systems, Project Management,

WORK EXPERIENCE

Prefab Steel Design Solutions, LLP

Junior Architect

New Delhi, India

Sep 2023 – Jul 2024

- Engaged in a Large-scale project (4-acre site area) dealing with CRPF quarters in Jewar International Airport, designing of master plan considering cost-effective strategies in Auto Cad to modelling in Revit and Sketchup.
- Arranged BOQs for 10+ projects ensuring material quantification and cost estimation, further engaged in client presentations and meetings for efficient teamwork for various commercial and residential projects for having upfront strong Client Relationship Management. Coordinated with the site technicians for timely project delivery according to budget constraints.
- Functioned with the team lead with site visits and engaged in selection in Building Materials for the Prefab Airport hangar consisting of two helicopters and two fighter jets for Defense of India in Amritsar, near Wagah Border establishing effective project delivery cycle.

AND Studios

Architectural Intern

New Delhi, India

Jan 2023-May 2023

- Coordinated directly with the owner of Gadaipur farmhouse, Delhi, a turnkey project including interior design which included conducting site visits and reviewing the construction and Mechanical, Electrical and Plumbing drawings.
- Produced detailed good for construction drawings for 10 projects along with 3D model realistic renders using Vray, Twin motion
- Conducted market research for different types of furniture and lighting used in renovation projects aligning with client requirement and project budget, majorly small scale commercial and hospitality projects.
- Designed exhibition pod (4 people occupancy) for Interior Design Workshop in Delhi consisting of sustainable materials and parametric roofing.

Design Forum International

Architectural Intern

New Delhi, India

July 2022 – Dec 2022

- Dealt with majorly Urban Design projects (large scale) like Patna High court in which we created a campus that had unity and coherence and suited the contextual building and researched about same building materials and architectural style in Sketchup and Auto cad.
- Prepared conceptual drawings, form development and Interior working drawings for Guwahati international Airport and contributed to various furniture designs like kiosk, lounge seating and dining area.
- Collaborated with senior architects for site documentation and zoning analysis according to local compliance for commercial projects and prepared final client presentation indicating 3D renders and material selection.

ACADEMIC PROJECTS

Thesis project – A co-working hub in Noida

- Designed an extroverted space and inclusive working environment which encourages new startups and freelancers by providing them a space for collaborative collaboration, community events and a room for local organizations with market viability.

Urban Design project – Nav Bharat Udyan

- To build an iconic structure and space around it called 'Nav Bharat Udyan' to commemorate 75 years of Independence of India in the national capital, Delhi, involving infrastructure development and stakeholder development.

ADDITIONAL EXPERIENCE

- Designed a **kinetic facade for OMC corporate office**, Government of Orissa and awarded with the innovative design idea.
- Spearheaded the Kiosk design for **Indian Institute for Interior Designers** conference held in New Delhi consisting of Sustainable material and Parametric roofing.
- Certification Course of Construction Management from Columbia University with 92.63% grade.
- Engaged in RYLA (Rotary Youth Leadership Awards) an international competition to design a college in 2 days on a contour site with model and working drawing.

SKILLS AND INTERESTS

- **Technical Skills:** Revit | Auto Cad | Adobe Photoshop | Google Sketchup | MS office | Real Engine Twin motion | V ray | Lumion
- **Management Skills:** Project Management | Process Planning | Risk Management | Client Management | Market Analysis