

Trijya Bhardwaj

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EDUCATION

Carnegie Mellon University

MS Architecture-Engineering and Construction Management

Pittsburgh, Pennsylvania

December 2025

Achievement: Granted a Graduate Merit Scholarship

Relevant Coursework: Project Management for Construction | Real Estate Development | Sustainability, Health, and Productivity | Transdisciplinary Thinking | Decision Making Methods for Innovation Management | Product Management Essentials | Finance for Innovation Management | Project Planning & Reporting |

Aayojan School of Architecture

Bachelor of Architecture

Jaipur, Rajasthan, India

June 2024

Achievement: Awarded Performance-based scholarship for 2019-2024 - Graduated first-class with distinction.

(Modules studied - Architectural Design, Mathematics, Architectural Structures, Building Materials and Construction, Interior Design, Computer Application, Digital Design, Contract Documents and Byelaws, Research Methodology, Professional Practice and Management, Dissertation, Architecture Thesis)

PROFESSIONAL EXPERIENCE

Genesis Planners Pvt. Ltd., Hyderabad, India | Architecture & Project Management Intern Feb 2023 – May 2023

A multi-disciplinary architectural firm based in Hyderabad, Telangana, India with over 27+ years of experience.

- Conducted research and analysis to support project development, including site assessments and sustainability.
- Produced detailed drawings, 3D models, and presentations to communicate design concepts effectively.
- Collaborated with cross-functional teams to integrate innovative design and ensure alignment with project goals.
- Assisted in the coordination of project documentation, including specifications and construction drawings, to contribute to seamless project execution.

The Metal Hy-De Fab, New Delhi, India | Marketing & Project Management Intern Feb 2022 – Aug 2022

The company pioneers innovative steel applications in interiors, facades, and products, featuring hy-design metal sheets.

- Conducted thorough market research to identify emerging trends and consumer preferences, facilitating informed decision-making for marketing strategies.
- Engaged in collaborative project management, supporting the manufacturing of hy-design steel sheets with Metal Hy-De Fab, ensuring timely delivery and quality control.

Riwaas, New Delhi, India | Project Management, SEO, and Marketing Intern

October 2021 – May 2022

A luxury interior design and architecture firm in New Delhi, India

- Contributed to a combined role by combining 3D modelling, rendering, and SEO to drive marketing efforts and enhance brand presence.

WORK EXPERIENCE

Research Assistant | Carnegie Mellon University

Center for Building Performance Research

Sep 2024-May 2025

- Energy Data Analytics for Building Portfolios, GIS Analytics on the impacts of Sustainable Surfaces for Cities
- Portable Diagnostics for Measuring Indoor Environmental Quality, Researching Indoor Air Quality and design, engineering and operational actions that can create healthier indoor environments, Illustrated data base of energy efficient products and their energy, IEQ and carbon impacts.

LEADERSHIP

AIESEC

Core Committee Vice President - Sponsorship & Partnership

June 2021-January 2022

- Initiated and managed strategic partnerships, securing sponsorships from brands like Coca-Cola and Panasonic.
- Led budgeting efforts, optimizing resource allocation for sponsorship-driven projects, ensuring financial success.
- Fostered cross-functional collaboration by liaising with diverse teams, ensuring seamless execution of sponsored events.
- Cultivated impactful relationships with sponsors, enhancing AIESEC's brand image and ensuring mutually beneficial partnerships.

ACADEMIC PROJECTS AND COMPETITIONS

NASA (National Association of Students of Architecture): September 2019-2020 - *Contributed to creative event planning, fostering collaboration, and showcasing architectural aesthetics through dynamic fashion presentations.*

SKILLS

Technical Skills: Microsoft Office (Word, Excel, PowerPoint), AutoCAD, MS Project, Jira, Primavera P6, Autodesk Revit, Rhino, Grasshopper, Google SketchUp, Adobe Photoshop, Adobe InDesign, Lumion, MS Office Suite.