



Amrita Adhikari

(Architectural Designer)

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[LinkedIn](#)

[\(Portfolio/website/Github\)](#)

EDUCATION

Master of Architecture

Virginia Tech, Blacksburg, VA

Aug 2022- present

GPA: 3.94/4

Bachelor of Architecture

Jamia Millia Islamia, New Delhi, India

July 2010- July 2015

GPA: 7.5/10

EXPERIENCE

Graduate Research Assistant, School of Architecture and Design, Virginia Tech

Aug 2023- present

- Conducted extensive research exploring the potential **role of architecture and arts** in addressing the **Opioid crisis** in the United States.

Architect, Independent Practice, New Delhi

Jan 2019- June 2020

- Redesigned office interiors for 4 corporate firms, boosting **spatial efficiency** by around **20%** and elevating the overall **quality of space**.
- Coordinated and executed the project from **concept to on-site installation**, ensuring optimal functionality through the preparation of precise design and construction documents for Venky's interior project.
- Promoted seamless project operations, building a network of 25 clients, 3 contractors, and 50+ vendors through effective communication and collaboration.

Project Architect, ARC Projects Pvt. Ltd, New Delhi

July 2018- Dec 2018

- Developed **project management** skills in scheduling, budgeting, and BOQ preparation while collaborating with civil engineers, contributing to a **15% cost reduction** through design efficiency in the project.
- Enhanced design quality for the D73 residence and Tower of ARC projects through meticulous attention to architectural details and **design refinement**.

Junior Architect, Raja Aederi Consultants (North) Pvt. Ltd, New Delhi

Jan 2016- June 2018

- Led design and development in significant projects like the National Police Memorial and Parliament House annex, overseeing concept to documentation phases.
- Secured major project tenders, like CBI-CTV Forensic lab, and achieved a high score of **96.5%** in BBNL competition as **project head**.
- Mentored and guided a team of 5 interns, fostering **intern growth and development**.
- Shared critical insights on spatial planning in meetings with clients and consultants, playing a significant role in project advancement.

Junior Architect, Mion Works Pvt. Ltd, New Delhi

July 2015- Dec 2015

- Produced SD, DD, and CD documents and conducted essential site surveys to facilitate the successful execution of the Uttarakhand school project.

Architectural Intern, ENAARC Associates Pvt. Ltd., New Delhi

Jan 2015- April 2015

- Created working drawings, presentation materials, & renderings for an IT office building in Eswatini, Africa.
- Assisted in project research and documentation, contributing to project knowledge & accuracy.

SKILLS

- | | | | |
|-------------------|---------------------|-------------------|------------------------|
| - Revit (BIM) | - Lumion | - Adobe Photoshop | - ReCap pro |
| - AutoCAD | - Rhino | - Vray | - MS Word & PowerPoint |
| - Google Sketchup | - Adobe Illustrator | - Grasshopper | - Microsoft Excel |
| - Enscape | - InDesign | - Navisworks | - Climate Consultant |

ACADEMIC PROJECTS

- Design research and thesis: Aug 2023- present
 - Explored the **Phenomenon of homelessness** in Brooklyn, New York, and designed affordable housing solutions based on principles of phenomenology.
- Built Environment Information Modelling and Processing Aug 2023- present
(Virginia Tech- Dept. of Civil and Environmental Engineering)
 - Acquired knowledge of **BIM/CIM** theory and practices in the AECO industry and created data-rich virtual models of infrastructure systems using **Revit 2024** and **Navisworks** for design, constructability, feasibility analysis, documentation, cost control, and energy performance evaluation.
- Bio-design and research, Virginia Tech: CNC bamboo pavilion design. Jan 2023- May 2023
 - Applied **computational design principles** using 3D software like **Grasshopper & Rhino**, to generate parametric design forms in bamboo. Gained hands-on experience in constructing a **CNC** pavilion at the Virginia Tech campus based on the parametric design.
- Design studio, Virginia Tech: **Prefabricated modular housing.** Aug 2022- Dec 2022
 - Designed a **sustainable** prototype for an affordable single-family house, achieving a **top three** selection in class for the Orange County Sustainability Decathlon 2023 in California.

CERTIFICATIONS AND ACCOMPLISHMENTS

- **Registered architect** with the Council of Architecture, India. June 2015- present
- Awarded a certificate of merit in the All-India Photography Competition. Nov 2014
- Attained a certificate of completion in Autodesk **Revit** Architecture. July 2014
- Recipient of an annual academic **scholarship** at Jamia Millia Islamia. July 2014

EXTRACURRICULAR ACTIVITIES

- Worked as a student employee at Virginia Tech Dining Services. Aug 2022- present
- Trained Indian classical dancer with over 20 years of experience in Odissi dance. July 1997- present
- Acted as a volunteer for the NGO 'People for Animals' in New Delhi. July 2015-July 2017
- Conducted surveys, and prepared structure plans and maps for unauthorized urban villages in Delhi as a student volunteer at the Delhi Development Authority. Nov 2013