



# Amrita Adhikari

(Architectural Designer)

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

## EDUCATION

### Master of Architecture

Virginia Tech, Blacksburg, VA

Aug 2022- present

**GPA: 3.95/4**

### Bachelor of Architecture

Jamia Millia Islamia, New Delhi, India

July 2010- July 2015

**GPA: 7.5/10**

## EXPERIENCE

### Student Designer, *Community Assistance Design Center, Virginia Tech*

Nov 2023- present

- Designed building exterior perspectives for the Lawrenceville Southern Railyard Conceptual Redevelopment project in Virginia.

### 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

**Drafting:** Revit (BIM), Autocad

**3D Modelling and simulation:** Revit, Google SketchUp, Rhinoceros, Grasshopper, Navisworks

**Rendering:** Enscape, Lumion, V-Ray

**Image Processing:** Photoshop, InDesign, Illustrator, Recap Pro

## ACADEMIC PROJECTS

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- 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

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- **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

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- 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
- Volunteered for the non-profit organization- '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