Amrita Adhikari
(Project Architect)

+ 1 (551)-344-4182
amritaadhikari06@vt.edu
LinkedIn
(Portfolio/website)

EDUCATION

Master of Architecture, 2022- 2024
Virginia Tech, Blacksburg, VA, GPA: 3.96/4

Bachelor of Architecture, 2010- 2015
Jamia Millia Islamia, India, GPA: 7.5/10

SKILLS

BIM / Drafting / Coordination: Revit, AutoCAD, Bluebeam, pyRevit
3D Modelling and simulation: Revit, Google SketchUp, Rhinoceros, Grasshopper, Navisworks
Rendering: Enscape, Lumion, V-Ray
Image Processing: Photoshop, InDesign, Illustrator

SOFT SKILLS: Positive and professional attitude, teamwork and collaboration, attention to detail

EXPERIENCE

Project Architect, *MHS Architecture, Hoboken, New Jersey*　　　June 2024 – Feb 2026
- Contributed to construction documents for **4 multi-family residential** projects. Developed exterior models, plans, elevations, sections and detail drawings in Revit. Coordinated with structural, MEP, and Interior design consultants, and ensured compliance with applicable building codes and industry standards.
- Supported Construction Administration by reviewing and processing **submittals.**

Student Designer, *Community Assistance Design Center, Virginia Tech*　　　Aug 2023- May 2024
- Designed building **exterior perspectives** for the Lawrenceville Southern Railyard Conceptual Redevelopment project in Virginia.

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**.
- 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 and budgeting while collaborating with construction managers, contributing to a **15% cost reduction** through design efficiency in the project.

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**.

Junior Architect, *Mion Works Pvt. Ltd, New Delhi*　　　July 2015- Dec 2015
- Produced schematic design, design development, and construction 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.

ACADEMIC/RESEARCH PROJECTS

- **Graduate Research Assistant,** *Virginia Tech*   Aug 2023- May 2024
  - Conducted extensive research exploring the potential **role of architecture and arts** in addressing the **Opioid crisis** in the United States.

- Design research and thesis: Aug 2023- May 2024
  - 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- Dec 2023
  (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
- Recipient of an annual academic **scholarship** at Jamia Millia Islamia.   July 2013- July 2014
- Trained Indian classical dancer with over 20 years of experience and a degree in Odissi dance.