

Education	
University of Pennsylvania   Stuart Weitzman School of Design   Master of Science in Advanced Architectural Design	2023 - 2024
Jawaharlal Nehru Architecture and Fine Arts University   Bachelor of Architecture	2016 - 2021

Experience

Project Architect   B. Design Studio	2021 – 2023
<ul style="list-style-type: none"><li>- Designed and managed <b>over 10.0 million sq. ft</b> of built environment <b>across 20+ diverse projects</b>, encompassing residential, Commercial, Hospitality, Public, Institutional, Healthcare, Cultural &amp; Mixed-Use Developments. Worked on all project phases from <b>conceptual design</b> to <b>construction documentation</b> and <b>construction administration</b>.</li><li>- Led multidisciplinary design teams of 4-5 architects and interns, producing detailed <b>working drawings, 3D models, and schematic design</b> for a diverse range of projects.</li><li>- Responsibilities included comprehensive <b>project planning, design development, code compliance drawings</b>, ensuring adherence to regulatory standards, meticulous detailing, <b>BIM coordination</b> and facilitating seamless collaboration with clients, structural engineers, co-designers, and vendors, demonstrating exceptional <b>project leadership</b>.</li><li>- Enhanced project efficiency for Sumadhura by <b>optimizing space utilization</b>, increasing sellable area, and refining material selection without compromising design quality. Achieved a <b>10% reduction in construction costs (from \$8M to \$7.2M)</b> and a <b>15% higher profit margin</b> than other designs, demonstrating expertise in cost-effective, high-value solutions.</li><li>- Designed a <b>LEED Gold-standard</b> office tower for Vajram group, integrating sustainable design strategies to achieve a <b>30% reduction in maintenance costs</b>.</li><li>- Master planned and <b>designed over 1,000 self-sufficient sustainable single-family homes</b> within gated community projects, <b>spanning over 800 acres of land</b>.</li><li>- <b>Worked directly with 10+ clients</b> translating their unique needs into tailored architectural solutions using problem solving skills with practical design considerations.</li></ul>	

Junior Architect   N3M’s Infrastructure	2019 - 2021
<ul style="list-style-type: none"><li>- <b>Developed comprehensive project plans</b>, encompassing zoning &amp; spatial analysis, massing studies, and phasing strategies, to align with the developer's timelines and budget.</li><li>- <b>Reviewed and approved construction details and shop drawings</b> from contractors, ensuring adherence to design intent and quality standards.</li><li>- Played a critical role in the <b>design and master planning of a 12-acre residential community</b>, ensuring a balance between functionality, landscape, and infrastructure planning.</li><li>- <b>Conducted feasibility studies</b> and site analysis for Skyline Business Park, evaluating spatial layouts, zoning restrictions, access roads, future expansion possibilities and market trends to inform design decisions.</li><li>- Designed <b>N3M’s Solitaire, a 7-story residential tower</b>, refining unit layouts, incorporating passive design strategies and structural configurations to optimize liability</li><li>- Developed <b>GFC drawings for Lakeview Residency by N3M’s</b>, ensuring precise detailing and seamless execution of architectural and structural elements.</li><li>- Led the <b>design of key commercial spaces within N3M’s Central Plaza</b>, ensuring efficient retail configurations and improving pedestrian circulation flow.</li><li>- <b>Presented design proposals and progress reports</b> to stakeholders, effectively communicating design strategies and addressing feedback for successful project advancement.</li></ul>	

Intern Architect   B. Design Studio	2020 - 2021
<ul style="list-style-type: none"><li>- <b>Drafted and refined 15+ construction drawings</b> for various projects ensuring high accuracy and clarity for on-site implementation.</li><li>- <b>Conceptualized and detailed innovative façade designs</b> for projects, incorporating material efficiency, thermal performance, and aesthetic appeal to meet design standards.</li><li>- <b>Prepared municipal drawings and documentation</b> for submission across <b>6+ large-scale projects</b>, ensuring regulatory compliance and timely approvals from local authorities.</li><li>- <b>Created high-quality visualizations</b> for <b>5+ projects</b> using Lumion and V-Ray, enhancing project presentations with photorealistic renderings and immersive walkthroughs.</li><li>- Extensive material research and cost-benefit analysis for projects, contributing to a <b>10% reduction in material costs</b> by recommending sustainable and cost-effective alternatives.</li><li>- <b>Collaborated with structural, MEP, and landscape consultants on multiple projects</b>, facilitating seamless integration of systems into designs while maintaining the project timeline.</li><li>- Spearheaded the design of project-specific custom joinery and furniture details, enhancing functional aesthetics for interior spaces in <b>3 high-profile residential projects</b>.</li><li>- Contributed to the planning and execution of site surveys and on-site coordination for <b>4 ongoing projects</b>, ensuring design intent was consistently maintained during construction.</li></ul>	

Principal Architect   AXM (Freelance)	2018 - 2021
<ul style="list-style-type: none"><li>- <b>Designed and managed 10+ projects</b> including duplex villas, farmhouses, apartment buildings, façade design, and plotted developments.</li><li>- <b>Managed the entire project lifecycle</b>, overseeing project management tasks such as Project scheduling, construction cost estimation, contractor and vendor coordination.</li><li>- <b>Supervised projects</b>, making regular site visits to monitor construction progress, troubleshoot issues, and ensure quality control and design strategy implementation.</li><li>- <b>Developed interior designs</b> for <b>5+ clients</b>, including space planning, building material selection, furniture design, and lighting strategies to create cohesive and engaging interiors.</li></ul>	

Licenses And Publications

<i>Council of Architecture License</i>   Licensed Architect, India, Issued on:	June 2022
<i>LEED AP BD+C (Accredited Professional: Building Design + Construction)</i>   <i>Green Business Certification Inc. (GBCI)</i>	Apr 2025
<i>Architectural Design: The Allegorical Architectural Machine</i>   Volume 94, Issue 6   <i>Author(s):</i> Daniel K Brown and Michael Chapman.	Nov 2024

Technical Skills

Rhinoceros, Grasshopper, Revit, Sketchup, AutoCAD, Rhino inside Revit, Vectorworks, Houdini, ZBrush, Maya, Unreal Engine, Vray, Twinmotion, Keyshot, Lumion, Enscape, Adobe Suite, Photoshop, Illustrator, InDesign, Microsoft Office suite, Google workspace, Procure, Bluebeam, 3D-printing, Artificial Intelligence in design, AR/VR

Awards And Researches

<b>Best Thesis Award – JNAFAU affiliated colleges, 2021</b>   Gold Medal	<b>Robotic Fabrication by Studio RAP</b>   Robotic fabrication workshop and research focusing on Clay printing building facades with Robotic arm.
<b>Arch104: The Talk – by DSPA 2017</b>   Academic Excellence Award	<b>New Materials and Methods</b>   Conducted research on innovative materials and methods for the construction industry, particularly focusing on Bio-Composites and their fabrication.
<b>Zonal NASA Design Competition 2019</b>   Honorable Mention	
<b>Lock Unlock Prison Competition</b>   Honorable Mention	
<b>Meal’s Live Academy competition</b>   Honorable Mention	