

Education

University of Pennsylvania | Stuart Weitzman School of Design | Master of Science in **Advanced Architectural Design**
 Jawaharlal Nehru Architecture and Fine Arts University | Bachelor of Architecture

July 2023 - Aug 2024

June 2016 - May 2021

Experience

B. Design Studio | Hyderabad, India

Junior Architect | 2021 - June 2023

- Handled the primary design responsibilities for **35+ architectural projects** including High-rise Condominiums, Mixed-Use developments, Multiplex Theatres, residential Villas, Gated Communities, Office Buildings, Clubhouses, Museum and hospitals.
- Led and coordinated design teams of 4-5 architects and interns, producing detailed construction drawings, 3D models, and conceptual sketches for a diverse range of residential and commercial projects. Responsibilities included comprehensive project planning, ensuring adherence to regulatory standards, preparing GFC drawings, meticulous detailing, and facilitating seamless collaboration with clients, developers, structural engineers, co-designers, and vendors.
- Independently Designed and planned over **1,42,18,000 Sq. ft (14.2 million Sq. ft) of architectural spaces during my term.**
- Achieved a record for maximizing realization per acre in developer projects by strategically optimizing space utilization. Designed a project for Sumadhura that **boosted profit margins by 15%** compared to the designs they got from other Architects, showcasing expertise in **delivering high-value solutions.**
- Designed an innovative 11-story office tower for Vajram, achieving a **30% reduction in construction and maintenance costs**, from **\$6 million to \$4.22 million.** This **3-star rated green building** integrates energy-efficient features, utilizing futuristic technology to create sustainable office spaces that contribute to a greener future.
- Master planned and **designed over 1,100 sustainable single-family homes** within gated community projects, **spanning over 800 acres.** These self-sufficient developments emphasize eco-friendly living, innovative design, and a harmonious integration with the environment.
- Entrusted by the Boss with full responsibility for designing projects from inception, I **worked directly with over 10-15 developers and clients** to understand their unique needs and translate them into tailored design solutions. By **engaging personally with clients**, I honed my communication and negotiation skills, ensuring seamless collaboration and exceptional outcomes. This hands-on role sharpened my ability to balance client aspirations with practical design considerations, delivering innovative spaces while fostering strong, professional relationships.

B. Design Studio | Hyderabad, India

Intern | 2020 - June 2021

- **Drafted and refined 20+ construction drawings** for various projects ensuring high accuracy and clarity for on-site implementation.
- **Conceptualized and detailed innovative façade designs** for projects, incorporating material efficiency, thermal performance, and aesthetic appeal to meet contemporary standards.
- **Prepared municipal drawings and documentation** for submission across **6+ large-scale projects**, ensuring full compliance with local regulatory requirements and successfully obtaining approvals on time.
- **Created high-quality visualizations** for **10+ projects** using Lumion and V-Ray, enhancing project presentations with photorealistic renderings and immersive walkthroughs for client engagement and decision-making.
- Extensive material research and cost-benefit analysis for projects, contributing to a **10% reduction in material costs** by recommending sustainable and cost-effective alternatives.
- **Collaborated with structural, MEP, and landscape consultants** on **5+ complex design challenges**, facilitating seamless integration of systems into architectural designs while maintaining the project timeline.
- Spearheaded the design of project-specific custom joinery and furniture details, enhancing functional aesthetics for interior spaces in **3 high-profile residential projects.**
- Contributed to the planning and execution of site surveys and on-site coordination for **4 ongoing projects**, ensuring design intent was consistently maintained during construction.

N3M's Infrastructure | Hyderabad, India

Design Consultant | 2019 - 2021

- Engaged as a part-time design consultant for N3M's Infrastructure, where responsibilities included conceptualization and drafting of initial design drawings for developmental projects.
- Responsibilities encompassed **comprehensive project planning**, adherence to regulatory standards, preparation of GFC Drawings, meticulous detailing, and fostering seamless coordination with structural engineers, co-designers, and diverse vendors across a spectrum of projects.
- **Conducted feasibility studies** and site analysis for proposed developments, evaluating spatial layouts, zoning restrictions, and market trends to inform design decisions.
- **Developed comprehensive project plans**, encompassing zoning analysis, massing studies, and phasing strategies, to align with the developer's timelines and budgetary constraints.
- **Reviewed and approved construction details and shop drawings** from contractors, ensuring adherence to design intent and quality standards.
- **Conceptualized master plans** for multi-acre developments, optimizing layouts to balance functionality, aesthetics, and profitability.
- **Presented design proposals and progress reports** to stakeholders, including developers and investors, effectively communicating design strategies and addressing feedback for successful project advancement.

Freelance | Hyderabad, India

Principal Architect | 2018 - 2021

- Started my freelancing, demonstrating versatility by contributing to projects such as duplex villas, farmhouses, apartments, commercial building facades, and plotted developments
- **Prepared detailed drawings and visualizations**, including schematic designs, 3D models, and photorealistic renderings, to effectively communicate concepts and secure client approvals.
- **Developed interior designs** for **5+ clients**, including space planning, material selection, custom furniture design, and lighting strategies to create cohesive and visually engaging interiors.

Licenses And Publications

Council of Architecture License | Licensed Architect, India, Issued on:

June 2022

LEED Green Associate | Green Business Certification Inc. (GBCI)

Dec 2024

Architectural Design: The Allegorical Architectural Machine | Volume 94, Issue 6 | *Author(s)*: Daniel K Brown and Michael Chapman.

Nov 2024

Technical Skills

Rhinoceros, Grasshopper, Houdini, ZBrush, Maya, Revit, Sketchup, AutoCAD, Photoshop, Illustrator, InDesign, Lumion, Twinmotion, Keyshot, Vray, Microsoft Office, Procore, Bluebeam, 3D-printing.

Competitions, Workshops And Research

Best Thesis Award - Jawaharlal Nehru Architecture and Fine Arts University affiliated colleges, 2021 | Gold Medal

Arch104: The Talk - by DSPA 2017 | Academic Excellence Award

Zonal NASA Design Competition 2019 | Honorable Mention

Lock Unlock Prison Competition | Honorable Mention

Meal's Live Academy competition | Honorable Mention

Robotic Fabrication Workshop by Lucas Ter Hall of Studio RAP | Robotic fabrication workshop focusing on Clay printing with Robotic arm.

Computational Solutions to design Problems | Workshop on developing a plug-in for Grasshopper with Python and Grasshopper.

New Materials and Methods | Conducted research on innovative materials and methods for the construction industry, particularly focusing on Bio-Composites, including fabrication methods for facades.