



Vaibhav Panchal

Architecture + Design | MAAD candidate


I have keen interest in exploring more about new and different aspects of architecture along with subconsciously learning from the past. Always open and optimistic about changes and adaptation. Strong knowledge of the cognitive design process, as well as the proper software knowledge required to convey it.

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Pittsburgh, United States 

vpanchall.com 

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WORK EXPERIENCE

Teaching Assistant - Generative Modelling Carnegie Mellon - Architecture

08/2024 - 12/2024

Pittsburgh, USA

School of Architecture, Carnegie Mellon University

Achievements/Tasks

- Conducted weekly in-person and virtual doubt-clearing sessions to assist students with course content.
- Provided solutions and resolved queries related to Grasshopper scripts and GH Python assignments.
- Evaluated and graded weekly assignments, ensuring timely feedback and adherence to course standards.
- Supported students in understanding generative modeling techniques and improving their scripting skills.

Principal Architect : Joshua Bard - jlbard@cmu.edu

Project Architect & Technical Designer Daisaria Associates

03/2023 - 10/2023

Mumbai, India

<https://daisaria.com/>

Achievements/Tasks

- Major responsibilities involved overseeing and managing project deliverables on site with the help of supervised junior staff.
- Beyond coordination efforts, active participation occurred in project pitches, contributing creative architectural concepts and designs to win new business.
- Additional responsibilities included training team members on visualization techniques to showcase innovative building plans for seamless presentations.
- For projects requiring complex facades or structures, the role expanded to technical designer, coordinating closely with fabricators and facade consultants to ensure constructability and design intent.

Principal Architect : Karan Daisaria - karan.d@daisaria.com

Assistant Project Architect Daisaria Associates

06/2021 - 03/2023

Mumbai, India

<https://daisaria.com/>

Achievements/Tasks

- I embraced my role as a team player working towards our common goal of creating innovative yet feasible architectural designs.
- Beyond core design duties, I relished opportunities to take the lead on design pitch presentations.
- Through this impactful architect role, I strengthened my skills in creative design, research, collaboration, and client presentations.

Principal Architect : Karan Daisaria - karan.d@daisaria.com

SKILLS

Computational Design

Critical Thinking

Architectural Robotics

Rhino 3D

Grasshopper

BIM Modelling, Revit Architecture

Adobe Suite

Architectural Visualization

Bio-Material Explorations & Fabrications

Client & Pitch Presentation

Technical Drawings

PERSONAL PROJECTS

WorkTreat - Architecture and spaces that are open to the public (2020)

- Jury Commendation - Western Regional for a National Architectural Competition

Mount Casa - A thoughtfully designed project that brings together luxury and eco-living (2022)

- A winning entry for the project, amongst 750+ architects, Architectural Digest publication (Daisaria Associates)

Women's Pavilion - Volume Zero (2021)

- Top 50- International Architectural Competition (Daisaria Associates)

Pulse of Copenhagen - City Link (2020)

- Special Mention - International Architectural Competition (Daisaria Associates)

ACHIEVEMENTS

Carnegie Mellon Architecture Merit Scholarship (2024 - Present)

Financial offset in the cost of tuition for the program

MAPS - Scholarship (2024)

MAPS is an award of financial aid for a high school student, college student, or professional in the Pittsburgh region to be used for educational advancement for minority designers and communities in transition.

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

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WORK EXPERIENCE

Design Intern

Daisaria Associates

12/2019 - 03/2020

School of Architecture, Carnegie Mellon University

Pittsburgh, USA

Achievements/Tasks

- My duties included assisting with construction drawings and participating in architectural design competitions.
- I gained valuable exposure to many facets of the architecture field while honing my skills in architectural visualizations intended to showcase proposed buildings and spaces.
- Throughout the internship, I aimed to fully engage with every task assigned to me to learn as much as possible about the architectural profession.
- My internship performance landed me a job offer right before completing my degree.

Principal Architect : Karan Daisaria - karan.d@daisaria.com

INTERESTS

Reading

Hiking

Exploring Cities

EDUCATION

Masters of Advanced Architectural Design

Carnegie Mellon University

07/2024 - Present

Pittsburgh, USA

Courses

- Introduction to Architectural Robotics
- Shaping Environments: Experiments in Geometry and (Waste)Matter
- ASO Studio: From City to Forest - from one body to a billion
- Fundamentals of Computational Design

Bachelors of Architecture

Pillai's College of Architecture

2016 - 2021

Navi Mumbai, India