

SHRADDHA DESHMUKH

📍 Chicago, IL 📞 +1 312-468-9091 ✉ shra09.arch2022@gmail.com 🌐 <https://www.linkedin.com/in/shra-desh/>

EDUCATION

2023 - 2025

ILLINOIS INSTITUTE OF TECHNOLOGY

- Master of Architecture 3.7 / 4.0

2017 - 2022

D.Y.PATIL COLLEGE OF ARCHITECTURE

- Bachelor of Architecture 3.31 / 4.0

PROFILE SUMMARY

Emerging architectural professional with hands-on experience in commercial, pharmaceutical, and design-build projects from concept through construction documentation. Experienced in visualization, mapping, and compiling spatial and observational data to inform design and planning decisions. Driven by the belief that architecture is “**creating a place out of space**,” with a passion for integrating social, cultural, and environmental values into design.

ACHIEVEMENTS

- Nominated for IIT Peterhan’s Scholarship (Visualization)
May/24
- Autodesk Certified User Revit.
Sept/22
- Bamboo and Rammed Earth Training Workshop by Auroville Bamboo Centre
Nov/18

OUTREACH

- Defining Humanity
- Open House Chicago

PROFESSIONAL STRENGTHS

Modelling Softwares

- Autodesk Revit • Rhino
- AutoCAD • Grasshopper
- Google SketchUp • 3DS Max

WORK EXPERIENCE

ARCHITECTURAL INTERN

AUG/25

Alt Architecture & Research – Chicago, IL

Rhino

- Designing a **Prosthetic Center & Physical Therapy** plan - holistic **healthcare and healing environments** integrating medical care, restorative spaces, and communal areas to support well-being.
- Programming spaces using **VA guidelines** and developed flexible studies in Rhino for trauma-informed, **adaptive solutions**.

JUNIOR ARCHITECTURAL INTERN

OCT/24 - MAY/25

IA Interior Architects – Chicago, IL

Autodesk Revit

Worked on interior and commercial architecture projects for diverse clients including a global technology firm, an insurance services provider, and an asset management company, supporting teams across all phases of design.

- Supported DD and CD phases by reviewing drawing on **Bluebeam**, and revising Revit models and **RFI's of drawing sets**, incorporating redlines and ensuring alignment with client standards and code requirements.
- Generated high-quality presentation materials including Photoshop and Enscape **renderings**, immersive **flythroughs**, and branded sheet sets.
- Created **custom Revit families**, modular systems, and **life safety plan** elements, contributing to documentation accuracy, and code compliance.
- Coordinated FF&E selections and **finish schedules**, managed sample procurement and **vendor follow-up**, and produced physical and digital material boards for client presentations and construction teams.
- Participated in **field verification** and site walks with project managers, gathering **as-built conditions** were accurately reflected in BIM models.
- Developed **evacuation** and life safety plans with occupancy classifications, aligning with IBC and local regulations, and **coordinating** with MEP consultants for integration.

Visualization Softwares

- Lumion
- Adobe Photoshop
- Enscape
- Adobe Illustrator
- Vray
- Adobe Indesign

Technical Softwares

- MS PowerPoint
- RS Mean
- MS Word
- Bluebeam
- MS Excel
- Cove Tool

Professional Strengths

- Analytical Thinking
- Attention to Detail
- Collaborative Teamwork
- Transparency & Integrity

REFERENCES

Paul Alt

Principal - Alt Architecture & Research

palt@aaplusr.com

+1 (312) 320-2600

Kevin Miao

Architect - IA Interior Architects

yikevinmiao@gmail.com

+1 (312) 833-1654

Thomas Brock

Professor - Illinois Institute of

Technology

brock@illinoistech.edu

+1 (773) 459-4998

PORTFOLIO LINK

[Architecture Portfolio | Shraddha Deshmukh](#)
[by Shraddha Ashok Deshmukh - Issuu](#)

DIGITAL FABRICATION TECHNICIAN

JAN/24 - SEPT/24

Illinois Institute of Technology - Chicago IL

Autodesk Revit

- Operated and maintained digital fabrication equipment including **3D printers**, **laser cutters**, and CNC routers, ensuring safe, high-quality output for architectural prototyping and model production.
- Calibrated machines, optimized tool paths, and reduced material waste through efficient **digital-to-physical** translation, improving lab throughput and sustainability metrics.
- Assisted in gathering and **organizing spatial**, environmental, and fabrication data to support design research and **prototyping workflows**.

JUNIOR ARCHITECT

AUG/22 - SEPT/22

Elomatic, Pharma Lab Consultancy - India

AutoCAD

Collaborated on pharmaceutical infrastructure projects with a focus on cleanroom and lab design, site planning, and compliance-driven environments. Supported multidisciplinary teams through design development, technical detailing, and client coordination.

- Led site and landscape planning for a OSD and capsule manufacturing facility, integrating sustainable strategies including **rainwater harvesting** and native planting in line with environmental and industry regulations.
- Designed **cleanroom interiors** and R&D lab environments with a focus on contamination zoning, equipment adjacency, **user workflows**, and adherence to pharmaceutical building standards.
- Produced and refined **CAD drawings** including plans, ceiling layouts, and details according to project scope and **technical requirements**.
- Developed **technical sections** and wall assembly details supporting material transitions, HVAC coordination, and **cleanability standards** essential to sterile manufacturing environments.
- Created 3D massing studies and **visualization renderings** using SketchUp and Adobe Suite to communicate spatial design and **programmatic** clarity.

INTERN ARCHITECT

JAN/21 - MAY/21

Arena Consultants, Laboratory Architecture - India

AutoCAD

Contributed to the architectural design and planning of laboratory, R&D, and cleanroom environments for projects including Sterling Auxiliaries Ltd, Syngene International Ltd, and Aditya Birla Science and Technology Centre. Supported senior architects through space planning, equipment coordination, compliance documentation, and visualization efforts across multiple high-performance science and industrial facilities.

- Developed multiple interior layout options using SketchUp, optimizing circulation flows, **workstation configurations**, and **functional zoning** to enhance lab efficiency.
- Executed conceptual **planning** focused on functional adjacencies and operational workflows to meet user and client requirements.
- Coordinated **fire protection systems** and life safety signage placement to ensure adherence to pharmaceutical and industrial safety codes.
- Created visualizations incorporating **material finishes**, lighting, and massing to support design presentations and client communications.