

Rafij Sadiq

Architectural designer · 3D visualization, animation and physical models

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PROFILE

Final-year architecture student at BUET (Level 5, Term 2) and partner at Corpustudio, Dhaka, where I lead projects with principal architect Ar. Shaikh Collins. Four years of remote 3D animation and visualization for US clients since 2022, through Newport Digital (Los Angeles / New York), including the assembly animations for Averde's Railset Web wall and ceiling system. At Corpustudio since 2021: residential design, working drawings, 3D views, walkthroughs and physical models. One package from drawing to film: AutoCAD, SketchUp, Rhino and Grasshopper for design; Blender, D5 Render and Unreal Engine for visualization; Photoshop, Illustrator, After Effects and DaVinci Resolve for graphics, motion and post-production.

EXPERIENCE

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|-------------------------|--|
| 2021 – present | Partner, Visualization & Project Lead
Corpustudio, Lalbagh, Dhaka <ul style="list-style-type: none">• Delivers residential projects with principal architect Ar. Shaikh Collins, including Kaleem's Home, a five-storey rental building under construction in Mollahat, Bagerhat.• Leads 3D modelling, rendering and walkthroughs, drawing coordination and client presentations; walkthrough film for a car workshop at Mymensingh Police Line (2025).• Delivers physical scale models with model partner Ar. Abir Sarker (asmati. DESIGN WORKS). |
| 2022 – present · remote | 3D Animator & Visualization Artist
Newport Digital, Los Angeles / New York <ul style="list-style-type: none">• Produced product, technical and marketing animation for US clients, working directly with agency lead Al Calderon.• Averde, California — assembly animations for the patented Railset Web aluminium wall and ceiling panel system, developed directly with Averde founding principal Mike Dobija; published on averve.com. |
| Ongoing | Event Visualization & Design
Event management teams, Dhaka <ul style="list-style-type: none">• Stage, venue and installation design in 3D; currently delivering a project in Gazipur.• Temporary full-scale installations in steel, string and light on Dhaka streets, including Kawran Bazar. |
| Aug – Oct 2026 | Festival masterplan and 3D map · Sanctuary
Private client · site survey, CAD masterplan, illustrated map, 3D miniature map with 19 installations |
| 2023 | Client presentation model
114 MW HFO Power Plant, Feni · Feni Lanka Power Ltd. |

EDUCATION

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| 2019 – present | Bachelor of Architecture (B.Arch)
Bangladesh University of Engineering and Technology (BUET) · Session 2018–19 · Level 5, Term 2 · CGPA 3.23 |
| 2018 | Higher Secondary Certificate, Science · GPA 5.00
Notre Dame College, Dhaka |
| 2016 | Secondary School Certificate, Science · GPA 5.00
Khulna Zilla School, Khulna |

SELECTED WORK · SEE PORTFOLIO

2026 · Level 5-2	Repurposing Rangpur Sugar Mills Thesis proposal, BUET — repurposing the idle sugar mill at Mahimaganj, Gaibandha; 3D process models of the mill machinery
Level 3-2	Community Nexus, Dhupkhola Design studio, BUET — a gathering place in Old Dhaka under one light roof of leaning timber A-frames; roof and frames scripted in Grasshopper from scratch
Level 3-1	Long-span overbridge, Gendaria Design studio, BUET — arched ribs and cable net carrying a pedestrian deck beneath the flyover; site from the Dhaka city base map
2025	Dubai Urban Elements Design Challenge Buildner — international competition entry
Ongoing	Bangladeshi entourage library Hand-drawn people, trees and props for architectural drawings in a local context
BUET	Making Large-scale model workshops, built installation projects, hands-on concrete casting

AWARDS

1st prize	Wall magazine competition Theme: social pressure on us as social beings · design lead of the winning team
1st × 3 · 2nd × 1	Drawing competitions Three first prizes and one second prize
Prize	Drawing competition on saving the Sundarbans Sundarban Rokkhay Chitrangan Protijogita · held at Khulna University
Prize	Anti-drug essay competition Madokbirodhi Rachana Protijogita · government-organised

SKILLS

DESIGN AND DRAFTING

AutoCAD, SketchUp, Rhino — plans, sections, approval and working drawings

VISUALIZATION

D5 Render, Blender (Cycles, Octane) — architectural stills and walkthroughs

LARGE-SCALE ENVIRONMENTS

Unreal Engine — landscapes, parks, forests

MAKING

Scale models, installations, concrete casting

PARAMETRIC MODELLING

Grasshopper — form-finding, façade and pattern systems

ANIMATION AND MOTION

Blender, After Effects — product, assembly and technical animation, motion graphics

GRAPHICS

Photoshop, Illustrator — boards, brochures, diagrams

VIDEO AND POST-PRODUCTION

DaVinci Resolve, After Effects — editing and colour grading; AI-assisted concept imagery

LANGUAGES

Bangla (native), English (professional)

REFERENCES

Mike Dobija

Founding Principal, Averde, California · worked together on the Railset Web animations

Ahsanullah Majumdar

Faculty, Department of Architecture, BUET

Patrick D'Rozario

Assistant Professor, Department of Architecture, BUET · design studio teacher

Al Calderon

Newport Digital, Los Angeles / New York

Contact details for academic and international references available on request.