

Rushikesh Vinchurkar

ARCHITECT / CREATIVE TECHNOLOGIST / FOUNDER

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Architect and founder connecting design, immersive experiences and AI systems. Experience spans real-time environments, digital twins, CGI, BIM and business automation. Builds teams, production workflows and proprietary AI agents to translate complex ideas into usable products and experiences.

EXPERIENCE

Founder

Aether Lab | Aug 2025 - Present

Building three connected verticals: Explora (interactive experiences), Spectra (CGI and AI content) and Praxis (business automation).

Developed Spectra Studio, an in-house agentic production pipeline, and internal workflows spanning quotations, invoices, reports, project management, finance tracking, marketing and outreach.

Associate Vice President, Tech & Product

PropVR | Oct 2023 - Aug 2025

Led product strategy and R&D; spearheaded Yas Island Metaverse and Bahri Ship Digital Twin.

Established and operated the Mumbai office, building a team of 30+ artists. Managed business development and project tracking.

Created a central Unreal asset library, Gaussian splatting workflows and project management automation.

Co-founder & Director of Technology Innovation

Mothership Future Cities Laboratory | Aug 2020 - Oct 2023

Directed technology research and production workflows across 3D, metaverse architecture, AR/VR and web applications. Developed pipeline quality practices and mentored teams on workflow automation.

CORE CAPABILITIES

AI agents & workflow automation · Systems thinking · Product strategy & R&D · Immersive experience development · Unreal Engine · Quixel · BIM · 3D modelling · AR/VR · Interactive web · Creative direction · Team building

Experience, foundations & selected systems

EARLIER EXPERIENCE

Co-founder & BIM Guru

myBEAM LLP | Oct 2019 - Jan 2021

BIM consultancy, training, integration and templates; AR/VR workflows and automation of repetitive production tasks.

Director of Technology

The360Experience | Nov 2018 - Jan 2021

Led immersive visualization across real estate, automotive, travel and tourism. Developed Unity / Unreal AR/VR workflows and motion-sensor projection mapping.

BIM Manager / BIM Consultant

ANJ Group | Nov 2018 - Nov 2019

BIM Manager: Nov 2018 - May 2019. Part-time BIM Consultant: May - Nov 2019.

Senior Architect & BIM Researcher

Beyond Design | Dec 2016 - Nov 2018

Architectural practice and BIM research.

Junior Architect

Prem Nath and Associates | Jul 2016 - Jan 2017

Architectural practice in Mumbai.

SELECTED SYSTEMS & EXPERIMENTS

Aether Growth Engine — R&D and live discovery pilot for real estate project evidence; validation separates current signals from historical false positives. Live intake remains separate from the prototype approval queue; pilot outreach is disabled.

Scroll-film websites — experiments connecting architectural films, 3D storytelling and interactive web experiences.

Trading bot — personal automation R&D; technical details available on request.

EDUCATION & LEARNING

Purdue University | PGD in AI ML | May 2025 - Mar 2026

Pillai College of Architecture | Bachelor of Architecture | 2010 - 2015

DeepLearning.AI | AI for Everyone | May 2025