

JAFRIN SURETHA SURESH

Architectural Designer & BIM Technologist

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PROFESSIONAL SUMMARY

RIBA Part 2 Architectural Designer and BIM Technologist with an MSc in Advanced Construction Technologies and BIM (University of Strathclyde), offering end-to-end project delivery experience across RIBA Work Stages 0-4 on residential and commercial schemes in the UK and internationally. Technically proficient in Revit, AutoCAD, , and ISO 19650-compliant information management, with a strong grounding in sustainable design, green building performance, and BREEAM frameworks. Experienced in federated model coordination, clash detection, planning application preparation, and the production of construction-stage technical information to UK Building Regulations standards.

TECHNICAL SKILLS

BIM & CAD	Revit, AutoCAD, Navisworks, BIM 360, COBie
Visualisation	Lumion, TwinMotion, Enscape, V-Ray, SketchUp, Rhino, Photorealistic Rendering, Walkthrough Animation
Production	Photoshop, InDesign, Illustrator, Technical Drawing Production.

PROFESSIONAL EXPERIENCE

Architectural Designer

Oct 2025 – Present

A&N Architects, London, UK

- Authoring and coordinating 20+ drawing sheets per project across 3–5 live residential extension and refurbishment schemes, producing RIBA Stage 0-4 design development packages, planning application drawings, and construction information.
- Managed 4+ planning applications end-to-end; prepared design and access statements, location plans, and proposed drawings compliant with local planning authority requirements and UK Building Regulations Approved Documents.
- Maintaining ISO 19650-compliant federated BIM models in Revit; coordinating with structural engineers to identify and resolve cross-discipline clashes prior to technical design sign-off on each project.
- Producing client visualisations, rendered design proposals, and outline specification notes to support stakeholder approvals and planning submissions at RIBA Stages 2 and 3.

Architectural Assistant

Dec 2022 – Dec 2023

Ruby Builders, Chennai, India

- Produced 20+ technical drawing sheets per project across 3–5 residential schemes, including site plans, floor plans, sections, elevations, construction details, and material schedules in AutoCAD and Revit.
- Prepared planning application drawing packages and design & access documentation for all projects, supporting successful submissions to local planning authorities.
- Delivered 6+ photorealistic renders and walkthrough animations per project using Lumion and V-Ray; authored construction specification packages that reduced on-site contractor queries at handover.

Architectural Research Intern

Jun 2022 – Aug 2022

Airports Authority of India (AAI), Chennai, India

- Conducted a 3-month research placement analysing passenger flow, wayfinding, security screening, and terminal capacity at a major international hub to inform a large-scale airport expansion thesis.
- Produced 2 conceptual masterplan layout packages and spatial planning diagrams; compiled technical documentation benchmarked against AAI design standards and IATA terminal planning guidelines.

EDUCATION

MSc Advanced Construction Technologies and BIM

2023 – 2024

University of Strathclyde, Glasgow, UK

- Core modules: BIM Project Execution Planning, Clash Detection & Federated Modelling, ISO 19650 Information Management, Sustainable Design & Green Building Performance, Digital Construction Methods.
- Dissertation: *Enhancing Green Roof Design in Modern Architecture through Advanced BIM Integration* – systematic literature review of 134 peer-reviewed papers and 4 international case studies (Bloomberg London BREEAM 98.5%, The Edge Amsterdam, Lagg Distillery, Foresterhill Health Campus) to produce a 15-step BIM integration framework for sustainable green roof design.
- Industry engagement: site visit to a live arts studio fit-out with Clark Contracts × WASPS Studios (Apr 2024), observing construction-phase coordination and building regulations compliance on site.
- Capstone project: residential extension delivered through a full ISO 19650-compliant BIM workflow in Revit, including coordinated architectural and structural models, building regulations drawings, and 3D visualisations.

Bachelor of Architecture (BArch) – Distinction

2017 – 2022

Sathyabama Institute of Science and Technology, Chennai, India

- RIBA Part 1 & Part 2 equivalent; graduated with Distinction. Thesis: airport terminal expansion – passenger flow modelling, spatial planning, phased infrastructure delivery, and full technical documentation package.