

Joe Paul Thomas

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PROFESSIONAL SUMMARY

Architectural Graduate and BIM practitioner with over five years of experience across residential, commercial, and interior projects in New Zealand and India. Holds a Master of Architectural Engineering with Merit from the University of Canterbury, with a focus on integrated building design, high-performance buildings, and sustainable design. Proficient in Revit, AutoCAD, SketchUp, and Navisworks, with hands-on experience in building consent documentation, construction detailing, and consultant coordination. Has delivered two end-to-end residential projects independently in a freelance capacity. Currently relocating to Auckland and seeking a role as an Architectural Graduate or Architecture Technician where technical rigour and design quality are equally valued.

PROFESSIONAL EXPERIENCE

Architecture Technician | Voss Ateliers | Auckland and Christchurch, NZ *Jul 2025 to Present*

- Collaborated with senior architects on design development and architectural documentation for commercial interior projects.
- Produced 2D drawings and detailed 3D models to support design coordination and client presentations.
- Created physical architectural models and scaled furniture models for project presentations.
- Prepared 3D models for digital fabrication and 3D printing of architectural components and prototypes.
- Operated and monitored 3D printing processes to produce accurate scaled architectural models.
- Developed 3D visualisations and CGI renderings for commercial interior projects.
- Conducted site investigations and documented existing site conditions to support early project stages.

Intermediate Architect | Architecture Amalgam | India *Aug 2023 to Dec 2023*

- Led commercial architectural projects from design development through to construction documentation, including Prime Roofing Headquarters, a multi-storey commercial office building in Kerala.
- Led design coordination with structural engineers, mechanical consultants, and builders.
- Prepared detailed architectural drawings and construction documentation packages.
- Mentored junior architects in architectural detailing and documentation workflows.
- Participated in site inspections and construction administration.

Architect | Equals Architecture | India *Jan 2022 to Jul 2023*

- Designed and delivered residential, commercial, and interior architecture projects from concept through to handover, including J Tower, a large-scale commercial office development in Kochi.
- Produced complete architectural drawing sets including floor plans, elevations, sections, and working drawings.
- Developed construction detailing and documentation for building consent approvals.
- Created 3D models, animated walkthroughs, and design presentations.
- Coordinated with clients and consultants throughout design and construction stages.

Junior Architect | McTerra Architects and Designers | India *Nov 2019 to Nov 2021*

- Supported senior architects across design development and technical documentation.
- Produced AutoCAD working drawings and SketchUp 3D models.
- Contributed to projects from schematic design through construction documentation.
- Assisted in preparing presentation packages and design visualisations.

Freelance Architect | Independent Practice | India

2021 to 2024

- Delivered three residential architecture projects end-to-end, independently managing scope from initial client brief and concept design through to construction documentation and site handover.
- Managed all client communication, consultant liaison, and documentation independently.

EDUCATION

Master of Architectural Engineering

Graduated 2025 with Merit

University of Canterbury, Christchurch, New Zealand

- Focus areas: Integrated Building Design, Building Performance Simulation, High Performance Buildings, and Sustainable Design.
- Completed advanced work in building energy modelling (EnergyPlus, OpenStudio), thermal analysis (THERM), and Life Cycle Assessment (One Click LCA).

Bachelor of Architecture

Graduated 2019, First Class

KMEA College of Architecture, India

- Awarded highest grades in Design Studios.

CERTIFICATIONS

BIM Essentials Certificate | Archi Star Academy

SELECTED PROJECTS

Facade Lounge, High Performance Building Proposal | University of Canterbury

- Developed the project from initial concept through to a final architectural proposal, including plans, sections, elevations, and facade design.
- Built a detailed BIM model in Revit and collaborated with MEP engineers in a federated model environment using Navisworks.
- Performed clash detection between architectural and MEP systems and completed model-based quantity takeoffs.
- Simulated facade thermal performance using THERM to minimise thermal bridging.
- Conducted a full Life Cycle Assessment for embodied carbon using One Click LCA.

J Tower, Commercial Office Development | Equals Architecture, Kochi, India

- Contributed to design development, documentation, and consultant coordination for a large-scale commercial office tower.
- Produced full architectural drawing sets and managed design coordination across structural and services disciplines.

Prime Roofing Headquarters, Commercial Office Building | Architecture Amalgam, Kerala, India

- Led end-to-end architectural delivery of a multi-storey commercial office building, from design development to construction documentation.
- Coordinated with structural and mechanical consultants and oversaw documentation quality.

TECHNICAL SKILLS

BIM and Documentation: Revit | AutoCAD | Navisworks | Trimble Connect

3D Modelling and Visualisation: SketchUp | Lumion | Rhino | Grasshopper | Adobe Creative Suite

Building Performance and Sustainability: EnergyPlus | OpenStudio | One Click LCA | THERM 7.8

Other: 3D Printing (Prusa Slicer) | AI Workflow Automation | Digital Fabrication

REFERENCES

Available on request.