Aakash Vipparla

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Education

Carnegie Mellon University, Pittsburgh, PA   **December 2025**

Masters in Architecture-Engineering-Construction Management.

Relevant coursework: Graduate Real Estate Development – Project Management for Engineering and Construction – Protean systems (Sustainability and Building-Resilience)– Transdisciplinary Thinking.

BMS College of Architecture, Bengaluru, India   **May 2023**
Bachelor of Architecture   **GPA** 3.92

Professional Experience

Carnegie Mellon University, *Teaching Assistant,* Pittsburgh, PA   **August 2024- Present**

- Guiding undergraduate students with the application of tools like Rhino(climate studio) and Open Studio, which are used in responding to climate conditions, minimizing cost by reducing usage of efficient HVAC systems.
- Contributing to a students' projects, with an objective focused on peak load calculations and Climate Studio output, using advanced energy modelling and building sustainability practices.

Inari Atelier, *Architect*, Bengaluru, India   **July 2023- July 2024**

- Proposed design and feasibility reports for projects spread across 80,000-3,00,000 Sqft.
- Designed and executed turnkey residential projects along with estimation, bid, scheduling and contracting with a completed budget ranging from $1,50,000 - $9,30,000.
- Assisted as a representative from architect's team coordinating detailed drawings with project managers, estimating quantities and aided in budgeting a $5,30,000 industrial building.

Venkataramanan Associates, *Intern*, Bengaluru, India   **August 2021- January 2022**

- Supported Project architects in the design of a project involving Mechanical, Electrical, Plumbing (MEP) area, for a large multinational software company having more than 2400+ employees.
- Optimized & designed an elevation revamp, using sustainable material and market analysis for a food certification industrial building, with a budget limitation of $3,50,000 spread across 80,000 SFT.
- Collaborated with the costing and scheduling team in budgeting and procedure planning, giving an estimate for contractor bids- using MS Projects and Primavera software applications.
- Served as a facade design representative within the Project Architect's team, collaborating with structural contractors to drive execution and ensure consistent project progress.

Achievements

- *Academic Commendation*; awarded School of Architecture Merit Scholarship for academic excellence, CMU.
- *Award of Excellence*, Lead Organiser, Bengaluru, India - College representative for public participatory exhibition in managing and spatial planning accommodating around 750+ delegates and public.
- *Honorary mention*, Indian Green Building Council, Design competition -Proposed a low-cost alternative for a Primary Healthcare Center with locally available materials and efficient climate based sustainable spatial planning.

Software skills and Licenses

- AutoCAD, BIM, Revit, Adobe Creative Suite, SketchUp, ArcGIS, MS Excel, MS PowerPoint, MS Project, ProjectLibre, RSMeans, Primavera.
- Authorized Architect's License - Council of Architecture, India.

Extra curricular Achievements

- Student organizer for Rotary club, Bengaluru, India.
- Captain - University cricket team.
- Runner up - State Cricket tournament - Cricket, India.