



HARSHAVARDHAN VINJAM

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"an architecture student
trying to stitch the gap between
architecture and sustainability."

Academic Qualification

Master of Science in Sustainable Design, 2018, Carnegie Mellon University, Pittsburgh.

Course work: Zero Energy Housing; Building Performance modelling; Health, productivity and Quality; Building Energy Analysis, LEED; GIS-CAFM; Performance of advanced building systems, Inquiry in to Computation, Architecture and Design.

Bachelor of Architecture, 2014, School of Planning and Architecture, New Delhi.

Course work: Architectural Design, Multi-family Housing, Urban Design, History of Architecture, Structural Design, Professional Practise, Theory of Art and Design, Graphic Design, Building Construction.

Work Experience

Project Architect at CnT Architects, Bangalore (Oct 2014 - May 2017)

Initially handling of 5 housing projects by Skyline, Kerala and working with the structural consultants to implement the job in 2014. Secondly working in a team of architects working on IIM (Indian Institute of management), Trichy project. Later in 2015, working and coordination of three projects on site:

- Timken Industry project, LEED Silver project, Location- Jamshedpur, Jharkhand, India.
- Skyline Synergy housing project, Location- Cochin, Kerala, India.
- Skyline Campus heights housing project, Location- Trivandrum, Kerala, India.
- Another housing project in design stage, Skyline Windmill, Trivandrum, Kerala, India.

After successfully completing the Timken project in Oct 2016, later I was working on Aurobindo Pharma office towers in Hyderabad, India from Jun 2016 to 2017. This is a competition project participated and awarded to my team.

Industrial Training

Intern Architect at CnT Architects, Bangalore (Jan - Jun 2013)

Projects worked:

- University of Hyderabad – Government University project, Hyderabad.
- Housing competition organized by Mahindra Corporation.

Freelance Architect (Jun 2012)

Projects worked:

- University of Hyderabad – Government University project, Hyderabad.
- Housing competition organized by Mahindra Corporation.

International Work Exposure

Competitions

(Jan 2018) Group Participation in the ULI Hines Urban Design Competition, Toronto '18.

(May 2013) Implemented design work with a group on an international convention centre in Oman, during my internship at CNT Architects.

Research/ Documentation

Thesis on Bamboo architecture, 2014 (Research book - college work)

Dissertation on **Digital Architectonics, 2012** (Research book - college work)

Documentation of notified and unauthorized slums, Gangtok, Sikkim (Freelance work)

Documentation on the Ghats of VARANASI, 2012 (college work)

Revival of BAOLIS, New Delhi used for ASI - 2010 (college work)

Seminar Presented

SMART CITIES (Nov 2013), School of Planning and Architecture, New Delhi

Brief Description: Seminar presented to explain how Delhi can become a smart city, Smart cities- SMART SLUMS. Research on smart slums a sub-topic of smart cities. The Seminar discussed how slums have evolved and how they can be a part of a smart city.

Workshops Attended

Pro-Knitectonics workshop by Sanhita Chaturvedi, Thaigo Mundem ,and Esteban Colmaneras, at School of Planning and Architecture (SPA), New Delhi. Jan 12-13, 2013.

'Delhi, the Invisible City' by Durba Chatterjee and Kush Choudhary, at SPA, New Delhi. July 19-21, 26-28, August 3-4, 2013.

The Bamboo workshop, at Bamboo Centre, Auroville Pondicherry. May 3-5, 2013.

Design/ Software Skills

Good Skills of understanding and working of computer software and hardware along with

Design Hand Sketching, AutoCAD (Advanced).

3D Modelling Revit(Advanced), Sketch-Up(Advanced), Rhino(Intermediate).

Presentation Photoshop, Illustrator, InDesign, Lumion, Microsoft office. (Advanced)

Energy Analysis Energy plus, Design-Builder, eQuest. (Advanced)

Extra-Curricular Activities

Selected installations in-charge for 'UTOPIA 2013', the college cultural fest (March 2013).

Elected Coordinator for 'SPANDAN', the college Drama Society (2010 - 2011).

Participated in four plays - "SapneTere Mere" (2011), "Macbeth on the Loose" (2010),

"AJ Mohammed ki Unfortunate Katha" (2010) and "The Wedding Album" (2009)