

## Personal Statement

In September 2015, I completed my MSc. in International Heritage Visualisation, Digital Design Studio at the Glasgow School of Art, which has enabled me to combine architectural, construction and documentation techniques with digital technologies, re-construction and visualisations. My Master's thesis was focused on: *Role of new technologies like 3D laser scanning, photogrammetry and BIM to facilitate upgrading of the current conservation practice.*

My research topic focuses on ***Can 3D immersive visualisations and new technologies be used to develop more effective design methodologies?*** *The current design theory supports the belief that architects and conservation experts have a valuable role to play in development of sustainable historic built environments and reducing energy performance gap, because of their positioning at the early stages of the concept development process, where the design brief is most flexible and the most critical decisions are made.* I am very keen to investigate the role of digital and immersive visualisations to allow designers to calculate the quality of proposed design concepts. These concepts are not yet sufficiently developed to be accessed via traditional methods.

I am a passionate, architecture and design professional, who is, highly effective at integrating the art, science and architecture. Being a natural leader and an effective delegator, I take on added responsibility whenever necessary and have accomplished overseeing construction practice and principles through all phases of projects, including planning, estimating, design, inspection and financial close-out. As a Practising Architect in India, I have successfully rendered complete architectural services and controlled various aspects of project management for over 25 industrial and residential buildings. During my professional career, I was also engaged in providing commercial and aesthetic art solutions, with a range of services that varied from design solutions for exhibition stalls, brochure & logo designs, and packaging designs to aesthetic design art like murals.

Good experience in facilities like wood work, metal fabrication, water jet machine for working with stone, ceramic furnace and painting/ polishing shop to design variety of products for the export industry and local market. Thorough knowledge of the profession as a whole and fully conversant with modern technology and software's like Auto CAD, Sketch up, Adobe Illustrator, Photoshop, In design, 3DS Max, Micro Station, Unity 3D, Microsoft office etc.

Organic Farming and environmental practices: I had also developed an integrated farm, close to New Delhi, with solar power, organic vegetables, ducks, turkey, emu, cows & dogs and created a self-sustaining farm project. This gathered a lot of attention from school children and media, who often visited to enjoy the sight of the farming, birds and animals. I have also undertaken small courses in poultry development, animal husbandry, organic compost making and organic insecticides, Drip irrigation systems and modern horticulture techniques.

I gained; contact skills through my experience as an architect, excellent communication skills through my experience as a teacher, with architecture students, often during explaining design process and giving desk criticism and managerial skills from operations of my farm, while dealing with visitors and staff ranging from a Minister of State to a daily wagger. Achieving all this in spite of coming from a very humble background of a reserved society is a great personal achievement for me.

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