

Apoorva Singal

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About

I am an architect, with keen interest in design, research and technology. My interest ranges in understanding human-centric design, participative design methods, complete design to build processes, working with parametric design tools, digital fabrication and sustainable practices.

Education

Registered Architect, Council of Architecture, India

2014, Young India Fellowship (YIF)
Ashoka University, New Delhi

2011, B.Arch, Faculty of Architecture
CEPT University, Ahmedabad

2009, Undergraduate thesis
(Generation of Library form in a larger campus context: study of four modern academic libraries in India)

2008 June - September Exchange program, Hochschule Wismar, Germany

2004 Higher Secondary examination (CBSE), 86.6% (Science stream)
KV.SAC school, Ahmedabad

2002 Secondary examination (CBSE): 91%,
KV.SAC school, Ahmedabad

Work Experience:

T Works, Hyderabad: *current position*

T Works is going to be India's largest prototyping centre. An initiative of the State government of Telangana, T-Works aims to create and celebrate a culture of hobbyists, makers and innovators. The facility is under construction and once completed T Works will ultimately provide 10 different types of shop facilities including CNC, metal, wood working, PCB printing, pottery and textile.

In November 2018, T Works hosted The Maker Faire in Hyderabad, which was the largest one in India, which it will be hosting again in 2019.

1. Designer, T Works

Designed furniture products for in-house use using digital fabrication; a HDF (High Density Fibre) cabinet for office file storage and a Birch-Plywood work desk for every day use with integrated storage. Both were cut through CNC routing and fully assembled with assistance from the inhouse team. Developed branding guidelines and options for the TWorks logo. Currently involved in designing the space for the material library display within the facility.

2. Maker Faire Hyderabad Lead and Manager, T Works

Leading the core team for the Maker Faire Hyderabad 2019. Core team consists of 25 maker community members from different parts of India and 9 members from the TWorks team. The role requires leading the maker community to define, design, curate and install the Maker Faire in Hyderabad this year.

Anant Fellowship Program, ANU, Ahmedabad: February 2018 - September 2018

The Anant Fellowship is a unique one-year full-time residential post-graduate programme in The Built Environment. The fellowship is placed in the Anant National University campus.

Some of the primary tasks and roles I have taken up while working in Anant National University are below:

1. Academic Program Manager, Anant Fellowship

Assisting in designing curriculum, inviting faculty, assisting faculty in teaching in class, auditing classes, guiding students, assisting in the Live Action Project etc. The role requires me to be supervising and managing all aspects related to the academic affairs of the fellows and visiting faculty in the fellowship.

2. Maker's Space Lead, Anant National University

Designing and coordination to set up the maker's space at the university.

Populous, New Delhi: November 2015- January 2018

Populous is a global architectural design firm specializing in sports architecture and creating environments & venues that draw people together. I worked on a variety of projects within the office with some of the prominent ones listed below

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|---|---|
| 1. Gujarat Cricket Stadium | Master planning of stadium functions, Developing stadium computer aided model, Facade design and integration with planning, GCA Club design, Presentations and other support tasks, Interior concept design |
| 2. ATS High Performance Sports and Training Facility | Master-planning and Concept to Schematic Architectural Design |
| 3. Hordern Pavilion, Sydney | |
| 4. Western Sydney Stadium | |
| 5. Bhuwaneswar Convention and Exhibition Center | Assisting Interior Design Development |
| 6. Disney Pavilion Design: | Feasibility study Proposal Development |

Vinyas, Center for Architectural Design and Research, New Delhi : August 2014- 2015

Vinyas, was founded by Kabir and Preeti Vajpeyi as an organisation that works a lot in designing better public education and health environments. The organisation is an architectural firm, which has worked extensively with UNICEF, Government of India, World Bank and other organisations, especially in the education sector to develop more child-friendly spaces within government schools all over India. They came up with the innovative Building as Learning Aid (BaLA) as a design intervention tool in schools, to us building elements as a learning tool for children. This has been implanted within many government schools in India.

Some of the prominent projects on which I worked are listed below

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| 1. Sustainable Green School Programme
Client: Sarva Shiksha Abhiyan Mission (SSAM), Government of Gujarat, India Role: Project Architect | Developing Programme Vision and concept.
Creating a participatory Audit Form for Sarva Shiksha Abhiyan School children.
Developing audit form Guide Book for SSA.
Developing the structure for a hands-on workshop for children, architects, SSA engineers, SSA teachers and various other resource persons |
| 2. Wash Health and Sanitation for Maharashtra with UNICEF
Client: UNICEF
Role: Project Architect | Developing WASH related resource material as part of recommendations to improve building Infrastructure for Primary Health Centres and Sub-centres |

Research for ORF (Observer Research Foundation, India):

2013- 2014

Project outcome movie link: <https://vimeo.com/94932135>

Roses Speak, Freelance Project: 2013

Client: Surat Florist

This project was done in collaboration with Abhinav Mishra and Sagar Shah. I primarily worked on developing design concept, Conceptual renderings for client's approval, develop design detailing, 2- site visits for coordination with agencies

Andblack design studio, Ahmedabad: September 2012 - February

2013

Andblack design studio is a commercial design firm where I worked to gain experience of handling interior and architecture projects. The studio explored using parametric computational modelling to create various forms and structures.

Some of the prominent projects on which I worked are listed below

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|---|--|
| 1. Forever Jewelry Showroom, Ahmedabad | Prepared complete construction drawing set |
| 2. Bamboo Bridge Project, Surat | Resolution and detailing of joinery |

KSADPS architects, Ahmedabad : June 2011–June 2012

Core Project Undertaken :

Shalby-III Multi-specialty Hospital

Centre for Research and Development Unit (CRDU) (CEPT University), Ahmedabad : January - June 2011

Core Projects undertaken:

Bindu Sarovar Government Project

Internship with Prashant Pradhan Architects, Gangtok : 2006

Publications and Research

- Undergraduate thesis (Generation of Library form in a larger campus context: study of four modern academic libraries in India) available at the Center for Environmental Planning and Technology Library

- Developing Audit form for Sustainable Green Schools for SSA Gujarat, in Vinyas:
'Understanding the Audit form' For Sustainable Green Schools for SSA Gujarat,
in Vinyas

Awards

2. 1st prize for New residential competition: Designing a spanish house, Florida,
3. www.arcbazar.com
4. 1st prize for New residential competition, Arizona, www.arcbazar.com
5. 2nd Prize, Garden landscape design, www.arcbazar.com
6. 3rd Prize designing an atrium, www.arcbazar.com
7. Honourable mentions, www.arcbazar.com
8. INDIAFRICA International Poster Design competition 2014, 1st Prize

Software Skills

AutoCAD, Rhino, Grasshopper, Sketchup, Microsoft word, Excel, Adobe Photoshop, InDesign, Premier Pro, Python (basic), Revit (basic)

Other Skills and interests

Caricature drawing and Sketching, Graphic design, Origami, Playing guitar, Travelling, Trekking, Swimming

