

## EDUCATION

### Harvard University, 2019

Masters, Design Engineering

### IIT Madras, 2015

Bachelors, Aerospace Engineering

## SELECTED PROJECTS

### Omni-Indi

Omni-Indi is a paradigm shift for the US Health-care system based on a data trust. At its core it creates a secure interoperable data network which incentivizes adoption and reduces costs and errors.

### Atelier

Atelier is a product and experience that combines the best in VR technology and brain research combined with data and AI to deliver a personalized therapy that unlocks your creative space

<https://tinyurl.com/ya3h38gu>

## SKILLS & INTERESTS

Design - Strategy - Data Science - Product development - Aeromodelling - Structural Design - VR/AR

### Programming

Java - Python - R - C - Ruby - C++  
JavaScript - PHP - Rails - C#  
SQL - MongoDB

### Modeling and Simulation

Matlab - AutoCAD - SolidWorks  
Rhino - Grasshopper

### Design Prototyping

Photoshop - Illustrator - InDesign -  
Premiere Pro - AfterEffects - Cinema4D

### Arts

Fine Art - Digital Art  
Unity - Unreal Engine

### Interests

High Altitude Expeditions - Soccer -  
Squash - Running - Flute - Cricket -  
Dramatics - Quizzing

## EXPERIENCE

### Utopia

Fellow

*May 2018 - August 2018 - Cambridge, USA*

Co-wrote strategy playbook for Utopia's CITYLabs innovation platform. Led landscape research in Urban innovation and collaborated with the CEO and Managing Directors to develop design strategy based on research insights.

### Honeywell Inc.

Senior Engineer

*July 2015 - Jun 2017 - Bangalore, India*

Designed and developed software architecture of 3 Android smart devices for cabin entertainment and control systems. Planned deployment on more than 2000 planes

Prototyped multi-disciplinary ideas including data architectures, multi-network location tracking, content recommendation systems and polyhedral controllers (Patented)

### Predible Health

Freelance UI/UX Developer

*Jun 2017 - Jul 2017 - Bangalore, India*

Designed and developed UI/UX for artificial intelligence-based cancer radiology platform currently deployed at 3 hospitals

### Airwood Aerostructures

Intern

*Dec 2013 - Jan 2014 - Chennai, India*

Designed and fabricated low vibration sandwich structures (patented) for Multi-rotors used in photography and movie industry

Reduced vibrations inside the structures by more than 30% decreasing noise and improving video quality

### UL-Jain Fire Laboratories

Research Intern

*May 2013 - Jul 2013 - Bangalore, India*

Studied and researched the characteristics of pool fires (10cm - 2m) and related phenomenon

Analyzed the effect of the size of fire on the plume frequency and created a fire size predictor for firefighters

## ACHIEVEMENTS AND AWARDS

**2018** Harvard GSD Community Service Fellowship Receptient  
Harvard Presidents Innovation Challenge - Semi-Finalist  
Atelier - Harvard i-Lab VIP

**2017** Part - Finalist, MIT Hacking Arts 2018  
J.N. Tata Endowment Fellow  
KC Mahindra Fellow

**2015** Employee Award Honeywell - For Technical Excellence

**2014** 9th (India) - The Number Thing - A data analytics competition by Latent View Analytics  
Finalist, Wright Design - All- India Aeromodelling Contest