

WORK EXPERIENCE

Electronics Lab Lead Maker's Asylum

09/2017 – Present Delhi, India
Maker's Asylum is one of India's biggest makerspace / hackerspace in Mumbai and New Delhi, inspired by Artisan's Asylum, Chaos Computer Club and other maker organizations.

Tasks

- I lead the Electronics Lab at Maker's Asylum, Delhi (One of India's biggest makerspaces). Here I conduct various workshops and run community driven projects.

Co-Founder and CTO TwentyEight10 Pvt. Ltd.

04/2017 – Present Delhi, India
The company is all about consumer facing hardware and software solution products, with ease of usage and great user experience. Also an outsourcing firm for clients with the same vision as the company.

Tasks

- Currently Overseeing the product development and head the electronics division.

Maker In-Residence IKP-EDEN™

2016 Karnataka, India
IKP EDEN is a Startup Incubator with an in-house DIY Makerspace. EDEN stands for Engineering, Design, and Entrepreneurship Network. We want people to learn, we want hobbyists and makers to turn into entrepreneurs and start a hardware product revolution.

Tasks

- I was maker in-residence and designed a few interesting art installations and projects during my internship period

Intern Robosoft Labs

07/2015 Haryana, India

Tasks

- PCB Designing
- Quality Assurance

EDUCATION

Bachelor of Technology Guru Gobind Singh Indraprastha University

2014 – 2018 77%

Senior Secondary Education (CBSE) Jaspal Kaur Public School

2014 92.5%

Secondary Education (CBSE) Jaspal Kaur Public School

2012 CGPA 9.0

SKILLS & COMPETENCES

- C / C++
- Python
- PHP
- SQL
- Ruby
- Arduino
- PCB Designing (Autodesk Eagle)
- Raspberry Pi
- Android
- 3D Modelling (Autodesk Fusion360)
- Backend Development
- Alexa Skill Development
- AR/VR Development (Unity3D)
- Graphic Designing
- Image Processing (OpenCV)

PROJECTS

Ring-O - A Gesture Ring

- Gold Medal - Major Project Thesis for Bachelor's Degree

Dot² - An Interactive Coffee Table

- Winner - Arduino Contest 2016 and Remix Contest @ Instructables.com
- Top 12 Finalists @ MHacks Nano (University of Michigan)

Component Tester - Test Almost Anything

- Winner - Arduino Contest 2015 @ Instructables.com

Baksa - An Art Installation

- 'Baksa' is an art installation for The Lost Party held in Pune (Feb. 2016)

SuperHero API

- The superhero API, is a quantified and programatically accessible data source of all superheroes from different comic universes.

MakersMart

- Makers Mart is an Android Application that provides makers with a collection of shops providing electronic components, hardware, tools and much more.

ACHIEVEMENTS

Gold Medalist - B.Tech. (ECE) (05/2017)

Presented by Guru Gobind Singh Indraprastha University, Delhi

Winner of Best Transportation Hack @ MHacks X (09/2017)

Organised by University of Michigan, USA

Top 12 Finalist of MHacks Nano (06/2017)

Organised by University of Michigan, USA

First Prize @ HackIIITD (2017)

Organised by Indian Institute of Technology, Delhi

Second Prize @ HackDTU (2017)

Organised by Delhi Technological University, Delhi

Winner - Arduino Contest & Remix Contest @ Instructables.com (2016 – 2017)

Winner - Arduino Contest @ Instructables.com (2015)

LANGUAGES

- English ● ● ● ● ●
- Hindi ● ● ● ● ○
- Punjabi ● ● ● ○ ○