<div align="center">**Resume**</div>

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## Education
**Masters in Information Management; Mumbai University**
2013 ; K.J.Somaiya Institute of Management and Research
**Bachelor of Electronics Engineering; Mumbai university**
2007 to 2010; K.J.Somaiya College of Engineering; Score 935/1425
**Diploma in Industrial Electronics; Maharashtra state Board of Technical Education**
2004 to 2007; Vivekanand Education Society Polytechnic; Score 1001/1300
**MIT media lab** Health Tech Workshop - **Diploma**

## Work Experience:
- **Chief Innovation Catalyst (CEO) of riidl.org (Research Innovation Incubation Design Labs) & TBI Co-ordinator for Department of Science & Technology Government of India.**
- **Facebook Developer Circles Mumbai Head**

We run 4 programs:
- Technology Business Incubator(www.riidl.org), which is supported by Somaiya Vidyavihar and Department of Science and Technology, Government of India.
- LABS: FABLAB (https://www.fablabs.io/riidl) and Do it yourself Biology Lab (http://bioriidl.org/).
- Maker Mela (www.makermela.com), which had 50000+ visitors and 100 makers from across India. Maker Mela is India's Biggest Maker gathering.
- Research groups: We have filed 16 patents and are doing research in Microbio, drug discovery (initiating), AI and Machine learning.

## Project Publications:

| Sr.No. | Project Name | Publisher | Link |
|--------|--------------|-----------|------|
| 1 | Interactive Musical Stairs | Times Of India | http://goo.gl/EgWCZg |
| | | Samachar.com | http://goo.gl/9cy1ur |
| | | Buzztown.com | http://goo.gl/qg39X6 |

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| | | Apn news | http://goo.gl/qwKuRh |
| | | Sahara Samay News - | http://goo.gl/VVaAxz |
| 2 | Project Eco-mappers | DNA newspaper | http://goo.gl/JMQRwQ |
| | | Hindustan Times | http://goo.gl/Go6sCC |
| | | Free Press Journal | http://goo.gl/ZqhD6s |
| | | Zee News (Marathi) | http://goo.gl/pCbbw6 |
| | | Samachar.com | http://goo.gl/3Q4DhK |
| | | Loksatta Mumbai | http://goo.gl/2q2a3k |
| | | Yahoo News: | http://goo.gl/4AhyFJ |
| 3 | Holographic projector: Godrej Culture India | India Infoline | http://goo.gl/fsepEh |
| 4 | About RiiDL Somaiya | Cool Age | http://goo.gl/MRWGIZ |
| 5 | Chess Automated | DNA | http://goo.gl/b79GFW |
| | | Mid-Day | http://goo.gl/RPWlld |
| | | LokSatta | http://goo.gl/p0OfnM |
| | | IOSR Research paper | http://goo.gl/IPrLMr |
| | | ATmel blog | http://goo.gl/gD50Rg |
| | | Mumbai Headlines | http://goo.gl/3pIW0q |

**Patents**
- Flexible conductive panels - Patent Application number: 2739/MUM/2012
- Attachable wearable music kit - Patent Application number: 2248/MUM/2011
- Provisional/Gaming system (4 player Pacman) - Patent Application number: 2740/MUM/2012
- Pollution mapping kit - Patent Application number: 2166/MUM/2014
- Human Response Time kit - Patent Application number: 2776/MUM/2012

**Awards:**
- Change Maker recognition by **Dr. APJ Abdul Kalam (11th President of India)**, 2015 at IIT B Techfest
- Presenting our work **to Mr. Ratan tata** at MIT media Labs: http://goo.gl/EtfeQJ
- Best Research project & Process Innovation Award by Somaiya Trust (**Presented by Reserve Bank of India Governor, Dr. Raghuram Rajan**)
- **Young Achiever** - World Education Magzine - (http://goo.gl/IGMqFn)
- Global Innovation Entrepreneurship Award - ISKON
- Small Ideas for Brighter Mumbai Award - Godrej Industries
- International Design Innovation Awards'14, Barcelona (Commendation Award) - Fablab, **MIT USA**
- Innovation Jockey, powered by Accenture and Yahoo - Jury Award
- The flexible switch panels was displayed at the 'Museum of Memories' event at Godrej. Received an acknowledgement from **DDB Mudra Group** for creating the first Interactive

Staircase (Fun theory) in India.
- Won 3rd place at the Cost report event at [Formula Student Germany](#) ([Our trophy!](#))
- Nominated for the Bosch Electronics award at Formula Student Germany

**Projects done:**

| Sr. No | Project Name | Patent Number | Product description/Application | My Role |
|---|---|---|---|---|
| 1 | Pollution Mapping on Google Maps (ECOMAP PERS) | 2166/MUM/2014 | To map the dust and noise pollution levels of Mumbai, portray it on google maps and make a comparative study with a city abroad. Also, to provide solutions to curb pollution | Ideating, Collaborating with pollution control board, Environmental Improvement Society, Godavari Biorefineries Pvt Limited, for commercialization, Mentoring the team, Reviewing daily progress,design of our Product, UI of the website.Handling a team of 2 Electronic, 2 IT engineers and 3 Master in environmental science |
| 2 | Interactive Musical Stairs | 2739/MUM/2012 | Interactive Piano stairs, music kit, Interactive chair, Doormats and Gaming pads | Designed the first prototype, Product conceptualization, Managed a team of 8 electronic engineers |
| 3 | Multi-Player Arcade Games | 2740/MUM/2012 | Single Player arcade games can be controlled by multiple players. Eg. For PACMAN we use arrow keys – Up, Down, left, Right; we assign each key to a different person. | I also helped to Sell / pitch / License – Event management companies, Wassup andheri, Developed the prototype along with a team of 4 Electronic and 2 IT engineers |
| 4 | Autonomous Chess Board | | To create a cost effective automated board game for the physically challenged and visually impaired. Applications – 3D printer, XY plotter and games such as chess, checkers, snake and ladders etc. | Ideating the entire project, Guiding a team of 11 Electronics & 2 IT students to execute the project. Collaborated with National Association of Blind for testing the prototype. |
| 5 | Orion Racing India | | To create one of the most competitive Formula Student cars and take India to the podium of international motorsports | Electronics Team Member |

**Other Certifications**
- Circuits and electronics, certification from MIT,Massachusetts Institute of Technology 2012; Score - 'A grade' - 87% (*Authenticity of this certificate can be verified at [link](#))
- Trained by NIIPM (National Institute of Intellectual Property Management) in Intellectual Property and Licensing.
- Juniper Networks Certified Associate – Junos– JN0 101 Exam
- Certified by NEN (National Entrepreneurship Network) for High Impact Infrastructure development at Institutions.