

# Aadesh Borate

Electronics  
Design Engineer

## Contact

### Address

Indapur, Pune, 413106

### Phone

9130535990

### E-mail

aadeshborate5@gmail.com

### LinkedIn

<https://www.linkedin.com/in/aadeshborate/>

### Portfolio

<https://aadeshborate.github.io/>

## Summary of Skills

PCB Designing using  
Autodesk Eagle

3D Modelling  
Autodesk Fusion 360

Digital Circuit Design

SMD Component  
Soldering

Arduino Coding

## Education:

2016-06 -  
2020-06

**Government College of Engineering and Research, Awasari, Pune**  
**Bachelor of Engineering in Electronics and Telecommunication**  
Aggregate: 8.61 SGPA (Till 7<sup>th</sup> Semester)

## Internships:

2019-09 -  
2020-02

**Photom Technologies, Ahmedabad**  
**Electronics Design Intern**

- Worked on Solar Panel Cleaning Robot
- Responsible for Circuit Design, PCB fabrication & Assembly

Technology used: Autodesk Eagle, Fusion 360, SMD soldering

2019-01 -  
2019-04

**Lion Circuits, Bangalore**  
**Campus Ambassador**

- Publicity of company in college and on social media
- Poster sharing, PPT Presentation on awareness about PCB design and fabrication

## Projects:

2019-06 -  
2020-06

**Smart and Efficient Techniques for Automatic Guided Vehicle Graduation Project**

- Secured **3<sup>rd</sup> Rank** in **ABHIKALP 2020**
- Participated in **e-Yantra Ideas Competition 2020** and selected in **TOP 49**
- Responsible for Circuit Design, PCB Design, Assembly, Testing, 3D Modelling

Technology used: Autodesk Eagle, Fusion 360, Arduino, 3D Printing

2019-02 -  
2019-04

**Mechatronics and IOT Kit Development**

- Developed an Kit to perform **30+** experiments in Mechatronics and IOT subject.
- Responsible for Circuit Design, PCB fabrication, Assembly, Testing & User Manual

Technology used: Autodesk Eagle, Fusion 360, Arduino, Microsoft PowerPoint

## Competitions:

2018-08 -  
2019-06

**National DD Robocon 2019**  
**Team Member**

- Won **Special Jury Award** with **AIR 4<sup>th</sup> Rank**.
- Designed and built a Four Wheeled Mechanum Omnidirectional Manual Robot and Automatic Quadraped Robot.
- Responsible for design and development of Electronics circuits

Technology used: Autodesk Eagle, Arduino

2019-09 -  
2020-06

**E-Yantra Robotics Competition 2019-20**  
**Team Member**

- Secured **4<sup>th</sup> Position** in **Biped Patrol** Theme
- Designed and Built Two Wheel Self Balanced Robot using PID controller
- Responsible for PCB Design, PCB etching, 3D modelling, 3D printing

Technology used: Autodesk Eagle, Autodesk Fusion 360, PCB etching, 3D printing

2017-03

**Spectrum 2017**  
**Circuit Wizard**

- Organized by Pimpri Chinchwad College of Engineering, Pune
- Secured **1<sup>st</sup> Rank** out of **64 teams** participated with 3500 Rs. Cash prize