

Aadesh Borate

Electronics Design Engineer

Contact

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Skills

PCB design using Autodesk Eagle

3D Modeling Autodesk Fusion 360

Digital Circuit Design

SMD Component Soldering

Arduino Coding

Languages

Marathi

Hindi

English

I am a Passionate PCB designer having three-year experience in digital circuit design and Robotics.

Two years of experience in designing PCB using Autodesk Eagle and customized library development for Eagle, 3D modeling in fusion 360.

Work History

2019-09 -
2020-02

Internship

Phatom Technologies, Dev Dholera, Ahmedabad, Gujarat

I was an Electronics Design Engineer at Phatom Technologies, here I was responsible for the design of electronic circuits for the Solar Panel Cleaning Robot. I had designed the PCB for the robot and here I learned about SMD components soldering, assembling the components, and make it ready for installation.

2019-01 -
2019-04

Internship

Lion Circuits, Work From Home

I was Campus Ambassador of Lion Circuits at Government College of Engineering and Research, Awasari, Pune. I had done the publicity of Lion Circuits at my Campus and awareness about PCB design and Fabrication.

2019-02 -
2019-04

Mechatronics and IOT Kit Development

Robotics Research Lab

I had designed single PCB for the Kit to perform more than 30 experiments in Mechatronics and IOT subjects.

2018-08 -
2019-06

National Robocon Competition 2019

Team Abhedya

We had participated in the National ROBOCON 2019 Competition with a team of 40 members and we got Judges Special Award with AIR 4 rank and First rank in Maharashtra.

2019-09 -
2020-06

E-Yantra Robotics Competition 2019-20

Biped Patrol

We had participated in EYRC 2019-20 and got the theme Biped Patrol. For the competition we had developed the **Two Wheel Balancing Robot** using PID

controller, we got selected as one of 6 finalists out of 1049 teams and placed at 4th position in this theme.

2018-06 -
2019-06

Student Co-ordinator

E-Yantra Lab

I was an student co-ordinator at e-Yantra Lab, Government College of Engineering and Research, Awasari, Pune.

2018-04 -
2019-06

Team Member

Robotics Research Lab

I was a Team member of Robotics Research Lab, Government College of Engineering and Research, Awasari, Pune. Here I was responsible for designing the circuitry for robots designed for ROBOCON competition.

Education

2016-06 -
2020-06

Bachelor of Engineering : Electronics And Telecommunication Engineering

Government College Of Engineering And Research, Aw - Manchar

First Year - 8.58 SGPA

Second Year - 9.18 SGPA

Third Year - 8.57 SGPA

Final Year -

2015-06 -
2016-06

HSC: Science

Shri. Narayandas Ramdas Junior College - Indapur
77.08 %

2013-06 -
2014-06

SSC

Shri. Narayandas Ramdas Highschool - Indapur
85.20 %

Additional Information

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