

AASHAY PHIRKE

9/202 Flower Valley Complex, Khopat, Thane (w)

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EDUCATION

Sardar Patel Institute of Technology, Mumbai 400058 Bachelor of Engineering . Department of Electronics and telecommunication Engineering	<i>2016 - 2020 (projected)</i> pointer (VII sem): 7.3
M.H. High School and Jr College, Thane HSC .	<i>March 2014</i> Overall Percentage: 74.14
S.E.S. High School and Jr College, Thane SSC.	<i>May 2016</i> Overall Percentage: 86.4

CAREER OBJECTIVE

To work for an organization which provides me the opportunity to improve my skills and knowledge to grow along with the organization objective.

EXPERIENCE

Embedded Systems Intern, Suyog Company, Mumbai	<i>Jan 2019 - April 2019</i>
<ul style="list-style-type: none">• Worked on Smart Fault monitoring system for SMPS.• Built a hardware which was connected to SMPS and sent data to company servers for monitoring the device	
Website Testing Intern, Connista LLC, Texas, Dallas	<i>June 2018 - August 2018</i>
<ul style="list-style-type: none">• Tested and recommended improvements for many websites.• Helped in finding loopholes in website and improve its security .	

PROJECTS

Portfolio web Application	<i>April 2020- May 2020</i>
<ul style="list-style-type: none">• used nextjs mongodb node express• Authentication for valid email only• Implemented SEO on the application	
Attendance Management using Face Recognition. (BE project)	<i>January 2020- May 2020</i>
<ul style="list-style-type: none">• using deep learning Model for face detection and recognition• attendance automatically marked on google spreadsheet and monthly report generated• Mail alert will be sent to students who are defaulters	
Robotics	<i>March 2017- Feb 2018</i>
<ul style="list-style-type: none">• ARM controller board interfacing IoT• Remotely controlled automobile.• Path planning robot.	

COMPETITIONS

Qualified for Semi finals in Texas Instruments .

Sept 2019 - now

- Entered with the project Security and Automation for Building.
- using texas instruments board cc3200
- AWS ec2 instance for computing and communication
- created PCB board interfacing different sensors and actuators with cc3200 wifi module

Qualified for Semi finals in Texas Instruments .

Sept 2018 - March 2019

- Entered with the project Smart Plant Incubator.
- Used concepts of IoT to build an environment ideal required for plants to grow.
- Gained experience of Texas products: CC3200, MSP430 and IBM cloud.

Qualified for 3rd stage in E-yantra

Nov 2018- Feb 2019

- Aim was to implement line following techniques and path planning algorithm
- Used V-rep, Visual Studio and working with robot

Qualified for 2nd Stage in E-yantra competition

Nov 2017- Feb 2018

- Gained knowledge of image Processing
- Used python, Raspberry Pi 3 and working with robot

TECHNICAL STRENGTHS

Software and Tools	AutoCad, Eagle, Keil, CCS, HFSS
Programming language	Python, Javascript, C++, Embedded C.
Boards	Atmega, Bolt, CC3200, ESP8266, LPC2148, MSP430, Raspberry Pi
IoT Platforms	Bolt, IBM, Reliance Unlimit, ThingSpeak.
Cloud Platforms	Amazon Web Service
Web Development	MERN full stack, Nextjs, HTML, CSS, SASS, Bootstrap

EXTRA-CIRRICULAR

- Participated in many social work activities including beach cleaning, teaching underprivileged children 2017-2019
- PR Head of IETE Committee in SPIT college 2018-2019
- Head of operations for Oculus, college fest in 2018
- Member of Rotract Club of Andheri from 2016 - 2018
- Attended many marathon events. 2016-2018

PERSONAL TRAITS

- Highly motivated and eager to learn new things.
- Strong motivational and leadership skills.
- Ability to work as an individual as well as in group.