AASHAY PHIRKE

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EDUCATION

Sardar Patel Institute of Technology, Mumbai 400058 *2016 - 2020 (projected)*
Bachelor of Engineering . pointer (VII sem): 7.3
Department of Electronics and telecommunication Engineering

M.H. High School and Jr College, Thane *March 2014*
HSC . Overall Percentage: 74.14

S.E.S. High School and Jr College, Thane *May 2016*
SSC. 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 *Jan 2019 - April 2019*

- 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 *June 2018 - August 2018*

- Tested and recommended improvements for many websites.

- Helped in finding loopholes in website and improve its security .

PROJECTS

Security and Automation for Buildings. *sept 2019- now*

- using texas instuments board cc3200

- AWS ec2 instance for computing and communication

- created PCB board interfacing different sensors and actuators with cc3200 wifi module

Social Media Web Application. *March 2020- April 2020*

- Done a solo project using Mongoose Express React Nodejs

- Authentication using facebook google and only valid emails

Face detection and Recognition. *March 2020- April 2020*

- using deep learning Model used in attendance management

Build an ARM controller board interfacing IoT. *May 2019- June 2019*

- Building an IOT based portable device which can control Ac devices, Motors.

Worked on a project called smart plant incubator *Aug 2018- April 2019*

- Used concepts of IoT to build an environment ideal required for plants to grow.

- Gained experience of Texas products: CC3200,MSP430 and IBM cloud.

Robotics *March 2017- Feb 2018*

- line Following robot.

- Remotely controlled automobile.

- Path planning robot.

COMPETITIONS

Qualified for Quarter finals in Texas Instruments . *Sept 2019 - now*

- Entered with the project Security and Automation for Building.

Qualified for Semi finals in Texas Instruments . *Sept 2018 - March 2019*

- Entered with the project Smart Plant Incubator.

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, proteus, CCS, HFSS
Programming language	Python, C, embedded C, HTML, Bootstrap, JS, nodejs , node-red.
Boards	Atmega, Raspberry Pi,Bolt board, esp8266, LPC2148, MSP430, CC3200
IoT Platforms	Bolt, IBM, Reliance Unlimit, ThingSpeak.
Cloud Platforms	Amazon Web Service
Web Development	MERN Full Stack

EXTRA-CIRRUCULAR

- 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.