TARUN PRASAD V

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CAREER OBJECTIVE

As an intermediate in corporate sector, looking for a challenging role in a reputable organization to utilize my technical and management skills for the growth of the organization as well as to enhance my knowledge about new and emerging trends in the given sector, core sector and costumer care service.

TECHNICAL SKILLS

Programming Languages	:	C, C++ (intermediate), python
Web Technology	:	HTML
Embedded	:	Arduino
Operating System	:	Windows
Software Tools	:	Photoshop, MS-Office, Autodeskfusion360.

EXPERIENCE

1. Intern in NAFEMS.
2. working as UX/UI Designer in PV GROUPS and Hydro Purifiers.
3. Part time working as Graphic designer in PV GROUPS and Hydro Purifiers.

PROJECTS

1. Solenoid engine:

An electric engine which works on the base of magnetic field of solenoid coil, it is efficient than the electric motor.

Duration **:** April 2017 to May 2017.

2. PIR Sensor

PIR Sensor is an automatic turn on of lights when there's a moving thermal body in the room, if nothing is detected it'll automatically turn off the lights in room.

Duration **:** March 2018.

Tools Used: Arduino IDE, Arduino, PIR sensor

3. Robotic arm:

Robotic arm is a mechatronics project which makes the work easier for humans and reduces the production time. It is pre-programmed machine.

Duration **:** April 2019.

Tools Used: Arduino IDE, Arduino, servo motors, 3D printed parts.

4. Firefighting robot:

In case of fire instead of risking the life of human, we had successfully completed and tested a pre-programmed robotic machine which go in search of fire and extinguish the fire

Duration **:** May 2019.

Tools Used: Arduino IDE, Arduino MEGA, 3D printed parts, Fire and Smoke sensors.

5. Chocolate printer:

Built a prototype of 3D printer which prints the chocolate into 3D models, if we add dark chocolate into extruder and load the design Gcode it prints the 3D model of the given design using chocolate.
Duration **:** March 2019 to May 2019.
Tools Used: Arduino IDE, Arduino MEGA, Ramps 1.5 Shield, Stepper sticks.

INTERNSHIP:

I have completed 1 year internship in TPO technologies, I took part in organizing conference, establishment of tinkering laboratories and completed few projects like PIR sensor, Burglar alarm, Lane-follower robot, Obstrucles avoidance robot, E-WASTE 3D printer, SIS (Serial Inhibition System) printer, vapor smoothing of 3D prints, Multi-terrain Quadrupt, Quadcopter, Ornithopter.
Learnt and used tools: Arduino, Adobe Photoshop, MS-Office, GOOGLE DOCX, Autodesk fusion360, tinker cad, designspark, 123D, MATLAB, Nitro pro 10, SLICER's for 3D printer's, Visual studio code (HTML), Dev C++, OrCAD capture lite, Multisim.
Duration **:** June 2017 to July2018.

ACHIEVEMENTS
1. Actively participated in various technical fest.
2. Organized NAFEMS Conference
3. Presented paper in conferences
4. Organized events annual day, teacher's day.

EXTRA CURRICULAR ACTIVITIES
1. Involved in Shannon Techno fest and Participated.
2. Successfully completed few project work for students.
3. Coordinated for workshops.

HOBBIES
1. Working on some photoshop designs or 3d designs
2. Scrolling In shorts(news)
3. Reading tech magazine
4. Working on projects

PERSONAL DETAILS
Date of Birth	:	18th Feb 1998
Languages Known	:	English, Kannada and Telugu
Nationality	:	Indian
Father's Name	:	N VENKATESH PRASAD
Sex	:	Male

DECLARATION
I solemnly declare that all the above information is correct to the best of my knowledge and belief.

Date :
Place : Bangalore   TARUN PRASAD V