Pritam Anand Mane

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Career Objective

To consistently try to attain expertise in my work field and to use my skills in the best possible way for the organization and eventually for the good of people.

Education

Degree	College/School	University	Passing Year	Pass percentage
SSC	St.Lawrence High School	Mumbai University	2015	94.2
HSC	Ramnivas Ruia Junior College	Mumbai University	2017	91.8
B.Tech	S.P.I.T	Mumbai University	2021	9.5(CGPA)

Currently studying in 2nd year EXTC (Electronics and Telecommunication) Engineering in Sardar Patel Institute of Technology (S.P.I.T) Andheri, Mumbai

Projects

1. Audio Amplifier as my 11th std Electronics project.
2. Colour Sensor Bot as a Control System mini project.
3. Using RTL SDR (Software Defined Radio) to tune to the radio stations as a Analog communication project.
4. Participated in a Project innovation competition in our college with the topic " Automation in farming ".

Training and Internships

- An Industrial visit to **APLAB** Ltd. Thane in 11th std [Learnt about power supply manufacturing process.]
- Another small Industrial visit to a **steel things manufacturing** unit in Satara [Learnt about types of steels based on their qualities and manufacturing and rates of different metal based tools/things]

Research and Publications

1. Research on a personal level about scope of automated farming in india.
2. No publication as of yet.

Technical Skills

- **Programming Languages that I m familiar with** :
    1. C [studied basic and high level C programs and **data structures** in C viz. Stack, Queue, Linked list],
    2. Embedded C [Learnt and used while working on **MSP432** board]
    3. Python3 [Learnt and used for image processing using **openCV** in E-yantra 2018 and for Scilab simulations]
    4. elementary JAVA

- **Sofwares that I have worked on** :
    1. AutoCAD
    2. Scilab (for basic image processing operations)
    3. SEQUEL, eSIM simulator, Proteus (for circuit simulation)
    4. GNU Octave
    5. Code Composer Studio **(CCS)** [used in Embedded and IoT course]
    6. **Keil** [for working with timers and schedulers on 8051 in Embedded level 1 course by SafeTTy systems]
- **Micro controller boards that I have worked on** :
    1. Able to operate and program **arduino** over a wide range of applications.
    2. Used **Raspberry pi** for image processing using openCV in E-yantra 2018.
    3. Worked on **Texas Instrument's MSP432** board for Time Triggered Embedded Systems course applications offered by SafeTTy systems.

- **Microsoft Applications** :
    1. MS Office, Word [Have been using it for documentation of laboratory experiments]
    2. MS Excel [Have been using it for tabular documentations and graphical analysis of lab experiment results]
    3. MS powerPoint [Have been using it for presentation purposes]

Soft Skills

1. Served as **Head Boy** in 10th std for my school.
2. Hosted school's Annual Function in Kalidas Auditorium Mulund, Mumbai.
3. Given speeches on republic and Independence day in Marathi during my 9th and 10th std.
4. Bagged 3rd rank in English Elocution competition on Teacher's Day in 9th std.
5. Hosted IEEE fun event for freshers in S.P.I.T during my 2nd year engineering.

Extra Curricular Activities

- Successfully completed a weekly workshop of 14 hrs for "Music Appreciation" provided by IML (India Music Lab) Studio, Andheri. [learned about digital sound mixing and composed a short melody on **LOGIC X PRO** software].
- Got consolation prize in **Case Study competion** hosted by **FSAI (Fire Safety Association India)** for 2nd year students in S.P.I.T.
- Can speak 3 languages fluently : English, Marathi, Hindi.
- Currently **learning Japanese** language for 1st level (N5).
- Wrote a blog on Blogspot about **"The Mystery Behind the Dwarka City"** as a communication skills activity.
- Attended 2 Mithi river cleaning sessions organized by the revered individual **"Afroz Shah"** near powai, Mumbai as a part of SEVA

Co-Curricular Activities

1. Successfully certified in the level 0 course of "Time Triggered Embedded Systems" offered by **SafeTTy Systems** and completed and attempted level 1 certification exam. Results for level 1 are due in a few days.
2. Completed a 20hr **"IBM cloud IoT course"** offered by Microdevices [learned about Node-Red, JSON data, ADC, MQTT communication protocol]

3. Recently joined the **ROBOCON** team of our college which is also our college's robotics committee SPRAC. Worked mostly with the Manual Robot building team. We successfully cleared the 1st stage with a national rank of 29. Currently done with video submission stage.

4. One of the Finalists and ranked **6th Nationally in E-yantra Robotics Competition** 2018 hosted by IIT Bombay.

5. Got selected in the finals of **Tata Crucible Hackathon** for our "smart helmet locking" idea implementation.

6. Attended **"Arduino Training Workshop"** in 1st year engineering conducted by IEEE SPIT committee.

7. Built a **Bluetooth Controlled Bot** in a workshop conducted by the robotics committee of our college (SPRAC) in 1st year.

8. Secured a **global rank of 1677** and national rank of 387 in the 24 hrs coding competition **IEEEXTREME** hosted by IEEE.

9. Received **MTSE (Maharashtra Talent Search Exam)** scholarship in 10th grade.

10. A finalist in**HOMI BHABHA** science talent search exam in 9th grade.

11. Received a **state level scholarship** in 7th std.