

RASIKA PATIL

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Educational Qualification

- **Bachelor of Engineering from, Pimpri Chinchwad College Of Engineering, Pune Electronics and Telecommunication**
August 2019 – Pursuing
CGPA: 8.67
- **High School Secondary Certificate Examination Abhishek College of Science, Arts and Commerce, Pune. 2019**
Percentage: 72.46%
- **Secondary School Certificate Examination Amrita Vidyalayam, Pune. 2017**
Percentage: 84.40%

Skills Profile

Programming Language	C, C++
UI Language	HTML, CSS, Java-script
Database	MYSQL
Platforms	Windows
Other Tools	Arduino, Microcontrollers

Certification

- Advanced C++ Programming - IIT Bombay
- Advanced C Programming - IIT Bombay
- Internet of Things – Verzeo

Academic Project Details

1. Droog Yantra (Third eye for the Blind)

Description: It allows the visually impaired to walk freely by detecting the obstacles. The project aims to develop a cheap, affordable, and efficient way to help visually challenged people navigate with comfort, speed, and confidence. **Tools:** Arduino and C++

2. Water level IoT system

Description: Designed a Water level IoT system that gave live feeds of the current water level in the tank to the application on a smartphone using a cloud platform and Arduino hardware.

Tools: Arduino and Tinkercad

3. Bookstore Management System

Description: Developed an application that is used to manage the bookstore using a computerized system where a user can add new books. **Tools:** MySQL, Eclipse, and XAMPP

4. Motion Detected Alarm Mechanism for Agricultural Land

Description: The main aim of this project is to design and construct a bird/animal repellent prototype that is dynamic and which plays buzzer sounds to disperse off the birds/animals. **Tools:** Proteus for software. **Hardware:** Components used to design the PCB (ATmega328p, Servo Motor, PIR Sensor)

Personal Details

- Name : Rasika Patil
- Date of Birth : 18th Jan 2002
- Gender : Female
- Language Skills : English, Hindi, Marathi
- Interest : Dance, Singing, and Art