# Gaurav Rastogi

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## EDUCATION

**Bharati Vidyapeeth College of Engineering**                                         Pune, Maharashtra
*Bachelor of Technology in Electronics Engineering, Diploma in Network Security*    *May. 2016 – Aug 2020*

**CBSE**                                                                                           New Delhi, Delhi
*Class XII in Non-Medical Science*                                                            *April. 2015 – March 2016*

## EXPERIENCE

**Consultant**                                                                              November 2020 – Present
*Birlasoft*                                                                                  *Bangalore, Karnataka*
- Part of operations team working on Oracle PBCS Cloud for *Unilever Europe Region* BMI application
- Independently handled Financial forecasting processes that underpins decision-making across the organization, seamless integration across the Client at Central FET, and MCO's.
- Developed effective automated epm solutions using Python and Batch scripting.
- Created Python API for fetching data from Salesforce Back-end.
- Worked on constant process and application improvement initiatives and activities
- Validating data in Hyperion Smart View.
- Effective contribution for month-end closure activities

**Embedded Systems Trainee**                                                          June 2019 – August 2019
*NSIC LTD*                                                                                          *Okhla, Delhi*
- Design and implement new modification to software for internally used embedded devices and systems using Embedded C on Arduino IDE.
- Circuit designing and simulating using Proteus
- Debugging and Testing software and hardware with Arduino UNO

## PROJECTS

**Weather Monitoring System** | *Embedded C, Arduino IDE, Proteus, Thingspeak,*    November 2019 – March 2020
- Developed a IOT based weather monitoring system used to detect environment parameters
- Implemented/Developed using Temperature and Humidity sensor, Air Pressure,LDR Sensor
- Send alerts to users via SMS if reading cross threshold over Things-Speak

**Frequency Detection Meter** | *Arduino Nano, Arduino IDE, Proteus*                    Apr 2019 – May 2019
- Developed a Frequency Detection Meter similar to a CRO(Cathod Ray Oscilloscope)
- Functionality - Amplitude Detection, Frequency Detection, Time Period Detection
- Connectivity with Voltmeter  Ammeter to generate different reading to measure correlation b/w the 3.

**Mini Obstacle Avoiding Robot** | *Arduino Nano, Arduino IDE, Embedded C*              Jul 2018 – Jul 2018
- This Robot uses proximity sensor and detects any thermal wave within a certain specified value and stops if any obstacle comes in front of it
- Used green, red LCD to indicate start and stop, used a battery for power, and used Atmega IC and a Micro-controller, It used a sonar device which used to detect the obstacle.
- Both wheels are programmed using EMBEDDED C separately so directional movements are independent if obstacle arrives.

## TECHNICAL SKILLS

**Languages:**C++, JavaScript, HTML/CSS
**Frameworks**: React.js, Node.js, Express.js
**Database:**MySQL,MongoDB
**Cloud Tools**: Infrastructure - AWS, Docker
**Developer Tools**: Git, VS Code, Postman
**Other Tools:**Automation - Jenkins, GraphQl