Ms. AARTI BORASTE

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Career Objective

Seeking a dynamic career opportunity within an organization where I can leverage my skills and knowledge, while continuously enhancing them for personal and professional growth.

Technical Skillset

- Knowledge of Electronics Hardware.
- Programming Languages: - C Language, Embedded C, Core Java, CSS, HTML, JavaScript
- Protocols [I2C, UART, CAN, SPI etc.]
- Good Knowledge of lab equipment such as FUNCTION GENERATORS, OSCILLOSCOPE, MULTIMETER, POWER SUPPLIES.
- Perform software and hardware troubleshoot.
  - Software Tools: - 1) MPLAB XIDE 2) Arduino 3) Proteus 4) Visual studio 5) Eclipse 6) Maven 7) TestING .
- Hands-on MCU: - 8051 Microcontroller, PIC16F877A
- Testing: - Manual Testing, Automation Testing (Selenium WebDriver)
- Operating System: - Windows, Mac OS

Non-Technical Skills

- Ability to multi-tasking, quick learner, adaptability & flexibility.
- Excellent communication and skill.
- Good teamwork, willingness to step up at critical phases, hardworking.
- Ability to work independently & also in multicultural, team-oriented, collaborative environments.

Certified Course

- Completion of the "Introduction to Industry 4.0 and Industrial Internet of Things" course organized by NPTEL.
- Successful attainment of the "Software Development Engineer in Test - SDET Plus" certification from Seed Infotech.

Academic Projects:

1) Project Name**: - IOT Based Home Automatic Room Lights**

Summary**: -** The main purpose of this project is to turn ON or Off the lighting system of home automatically by detecting presence of human. This system can used in classrooms, offices, staircases. Components Used**: -** PIR sensor, 8051 Microcontroller, Relay, Transformer, Register, PCB, Jumper wires and Power supply.

2) Project Name**: - Water level Indication System.**

Summary**: -** The purpose of a water level indicator is to gauge and manage water levels in a water tank. The control panel can also be programmed to automatically turn on a LED's to display level. Components Used**: -** PIC16F877A microcontroller, HC-SR04, Voltage Regulator7805, Register and jumper wires.

Education

COURSE	BOARD/UNIVERSITY/COLLAGE	YEAR OF PASSING	PERCENTAGE /CGPA
M.Sc. (Electronics)	S.N.J.B. College, Chandwad Savitribai Phule Pune University	Mar-2023	81.7%
B.Sc. (Electronics)	S.N.J.B. College, Chandwad Savitribai Phule Pune University	Apr-2021	72.75%
HSC	K.K. College, Pimpalgaon Maharashtra State Board	Feb-2018	52.31%
SSC	Bhimashankar School, Pimpalgaon Maharashtra State Board	Mar-2016	79.60%

Personal Details

Date of Birth	12 January 2001
Language Known	English, Hindi and Marathi
Marital Status	Unmarried
Current Address	Rakshak Society, Pimple Nilakh, Pune (411027).

Declaration

   I Aarti Boraste hereby declare that all the above details given by me are true to the best of my knowledge.

Place:

                                                                Your sincerely

Date: (Aarti Boraste)