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| Amruta Jadhav  [amrutaj27@gmail.com](mailto:amrutaj27@gmail.com)  Mob:9503026816 EXPERIENCE: **4** Month |  |
| Career objective | |

To be a part of your team and move towards accomplishment of the jobs assigned in the best possible manner, face the challenges and move towards the goal of making a mark for the company in the global area, simply but I want this to be a symbiosis of opportunities, ideas and accomplishments.

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| Academic Qualification |

* Completed a ‘**PG Diploma in Embedded Systems** **&** **Design from C-DAC ACTS Pune’** in July 2017.
* Completed **BE in E&TC** with **1st class with distinction(71.06)** from **Pune University**, Pune in 2016.
* Completed **Diploma in E&TC** with **1st class with distinction(78.00)** from **MSBTE**, Pune in 2011.
* **S.S.C** with **1st class with distinction (78.76)** from MSBTE, Pune in 2008

Experience

**Embedded Engineer**

**I-Smart Techno,** Sangli, Maharashtra 8 Aug 2017 To Till date

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| Projects Undertaken |

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| Title | : | Smart Cloud Data Acquisition System using I2C/SPI | |
| Platform | : | TI-RTOS Duration | |
| Description | : | Implementation of Data Acquisition System using CC3200 Launchpad (has an integrated ARM CORTEX-M4 MCU and SimpleLinkWifi module) with the help of onboard sensors (TMP006, BMA222) and sending data to cloud over MQTT protocol. Internet of Things (IoT) conceptualizes the idea of remotely connecting and monitoring real world Objects (things)through the Internet. | |
| Title | : Voice Transmitted Over Optical Fiber Cable | |
| Platform  Duration  Description | :  :  : | Electronic Circuit Design  1 Months  Fiber optics as a communication medium can provide a good substitute for the present day communication systems as the problem of interference faced in case of electromagnetic waves is not there and high deal of secrecy is available. Involved in Hardware domain and Optical Fiber Communication part of the project | |
| Title | : | Vertical Beamformation For An Active Antenna System | |
| Platform  Duration | :  : | Antenna System  3 Month | |
| Description | : | The beamforming technique for multiple-input multiple-output downlink multi-user systems. we compute the tilting angles for directional antenna systems which maximize the cell average rate.for a multi-user active antenna system, beamforming designs to maximize the weighted sum rate are proposed by optimizing the transmit antenna gain and power allocation  1. Done as BE Final Year Project.  2. Done as Group project among 3 students.  3. Involved in Software domain and MATLAB Software Programming part of the project. | |

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| Certification |

* Completed CCNA(R&S) Course from RST Forum, Pune.

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| Technical skills |

* Programming Languages: Embedded C, C.
* IDE : Eclipse.
* Microcontroller : 8051, ARM LPC 2148, ARM Cortex M3.
* Protocol : RS 232, I2C, SPI.

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| |  | | --- | | Extracurricular activities |  * Successfully completed Academic Project in Diploma of Industrial Electronics of “Automatic Wiper Control”. * Completed “Personality Development Workshop” held at Bharati Vidyapeeth Pune under P&G INDIA. * In Diploma of Industrial Electronics Given two “One-day Industrial Visit’s” in Pepsico Factory & CNC Machine Workshop.  |  | | --- | | Personal details |      |  |  |  | | --- | --- | --- | | Date of Birth  Gender | :  : | 27/03/1993  Female | | Languages known | : | English, Hindi and Marathi,German(Learning). |   I hereby declare that the information given above is true to the best of my Information knowledge belief.  **Date: Signature:** |