

## Ms. Sushama Atmaram Molawade.

Electronics & Telecommunication Engineering

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### OBJECTIVE:

Seeking a position to utilize my skills and abilities in the Information Technology Industry that offers professional growth, enjoy the challenges and expect to make positive contribution.

### QUALIFICATION :

Exam	Academic Year	Institute	University/Board	Percentage
B.E.	2016-2017	VPCOE, Baramati.	Savitribai Phule Pune University	78.33%
T.E.	2015-2016			76.39%
S.E.	2014-2015			76.5%
Diploma	2013-2014	Government Poly.Karad	MSBTE	83.23%
SSC	2010-2011	K.D.S.H.Patan	Maharashtra State Board	97.27%

### TECHNICAL SKILLS:

- **Programming language** : C, C++ , Core Java , C#, VB.Net
- **Operating System** : Windows XP, 7, 8, 10 , Linux
- **Completed Certification Course in C++ Programming.**  
**Software Known** : Turbo C, Keil, NI Multisim, MATLAB, Xilinx, 8085 Simulator, , Microsoft Visual Studio, MYSQL, SQL Management Studio

### PROJECTS UNDERTAKEN:

- **Project 1: Automatic Dam Gate Controller**  
Language: Embedded C  
Water level in dam needs to be effectively maintain, which requires full time supervision by the operator. It is impossible for man to precisely control the gate without the knowledge of exact water level and water inflow rate .Hence it is necessary to develop a system which will detect water level and control dam gate automatically which reduce complications in prior system and offers more flexibility. Detection of water level is based on mechatronics based system. Based on this data the level of dam gate can controlled using dc geared motor via personal computer. In this way the project will be helpful in efficient operation of dam gate.
- **Project 2: Modern Communication System Design Using Software Defined Radio(SDR)**  
Software: GNU  
In this project we aim to design and implement several analog and digital systems to showcase the usability of a single USRP kit in various sectors. A Software Radio system which performs the required signal processing in software instead of using dedicated integrated circuits in hardware. The benefit is that since software can be easily replaced in the radio system. We have designed FM Transceiver using USRP and GNU Radio which is ideal hardware and software combination .

#### EXPERIENCE:

- Designation : **SOFTWARE DEVELOPER**
- Company : Cybernetics Software Pvt. Ltd.
- Domain : Asp .Net(MVC)
- Work Experience : 9 Months

#### STRENGTHS AND SKILLS:

- Hardworking & Quick Learner
- Leadership quality and team working person
- Willing to learn new things
- Adaptability
- Self motivated
- Optimistic

#### EXTRA-CURRICULAR ACTIVITIES:

- Publication Of The Paper entitled “Implementation of Transceiver using Software Defined Radio (SDR)” Published in, “International Journal of Engineering Development and Research(IJEDR)”.
- Achieved First Rank in Project Competition held at Technofest 2K17.
- Attended A National Level Workshop on “Software Defined Radio with LabVIEW and NI-USRP” under NI and IET.
- Participated in State Level Satellite Robotics Workshop in MindSpark’15 Organized By COEP.
- Successfully Completed LifeSkills Training Conducted by GTT and NASSCOM.
- Participated in “Indian Engineering Olympiad”(IEO) Exam.
- Attended Workshop on “Rispberry Pi” under IETE.

#### HOBBIES:

- Listening songs
- Travelling
- Reading Newspaper
- Reading Books

#### PERSONAL DETAILS:

- **Address** : A/P. Mulgaon, Tal. Patan, Dist. Satara
- **Date of Birth** : 30 November,1995
- **Blood Group** : A +ve
- **Marital Status** : Single
- **Nationality** : Indian
- **Language known** : English, Marathi and Hindi

#### DECLARATION:

“I hereby declare that the above information is true to best of my knowledge.”

Date:

Place:

(Sushama Atmaram Molawade)