Mohini Gopal Sude PUNE,INDIA

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E mail: [mohinisude7@gmail.com](mailto:mohinisude7@gmail.com),

# OBJECTIVE

Looking for a challenging position with an opportunity to interact with people & to develop career by using my strengths, interpersonal skills, principles, team effort and Techno managerial Skills.

# ACADEMIC QUALIFICATION

|  |  |  |  |
| --- | --- | --- | --- |
| **Education** | **University/college** | **Year** | **Percentage/ CGPA** |
| M.TECH  Process Instrumentation | College of Engineering  Pune | 2019 | 6.92 |
| BE  Instrumentation and Control | Cummins College of Engineering for Woman,  Pune | 2016 | 64.8 |
| Diploma  Medical Electronic | MSBTE Board | 2013 | 70.3 |

**PROFESSIONAL COURSES**

Certified diploma in “Diploma in Embedded Systems” from Techno scripts, Pune.

* Bluetooth Controlled Line-following robot using Node MCU.
* Obstacle Detector using Ultrasonic Distance Sensor to display in 16\*2 LCD Display.

# TECHNICAL SKILL

* + C
  + MATLAB
  + Microcontroller (8051, PIC,ARM7)
  + IoT
  + MS Office
  + Material selection, vendor development & negotiation.

**WORKING EXPERIENCE \_ D-Source Engineering Solution Pvt.Ltd April 2021 to Current date.**

Position: - Software Engineer

* Design and build application for the Android studio platform.
* Design, build and maintain performance, reusable and reliable java code.
* Work on fixing and improving application performance.
* Investigate problem areas.

**WORKING EXPERIENCE \_ Tranquility lifestyles solution US tenure March 2020 to April 2021**

Position: - Junior Hardware Engineer.

* Sensors selection, sensors hardware testing.
* Testing lab setup.
* Interfacing between software and hardware
* Software testing (B to B & B to C)
* Selection of sensors &negotiation
* Actual field trials & Demos.
* Validate connectivity, range analysis, interference analysis
* Load analysis, obstruction analysis, real world simulation

**WORKING EXPERIENCE \_ DSK Engineering Pvt.Ltd July 2016 to August 2017**

Position: - Engineer

* Worked on the end of line tester.
* Calibration of the Sensor.
* Design software application for sensor.

# ACADEMIC PROJECT

M.TECH

* Electrical Impedance Sensor for detection of Urea and Starch in Milk.
* Detection of leaf Diseases using Image Processing.

BE

* Data Acquisition for Efficiency Monitoring of Heat Exchange.
* Microcontroller based Pacemaker.

# PAPER PUBLICATION

* 3rd International conference on trends in electronics and information at Tirunlveli, India in “Electrical Impedance Sensor for Real-time detection of Urea and Starch in Milk”

# ACADEMIC ACTIVITIES

* Teaching Assistant- Conducted Lab Experiments and Evaluation of undergraduate students.

LAB- Project Management, Transducer –II, Building Automation.

* Attended a 5 days’ workshop sponsored by AICTE on “Advance in Signal and Image Processing”
* Attended 45 hour workshop on Innovation, Employability, Skills Enhancement and Career Building.

# EXTRA CURRICULAR ACTIVITIES

* Annual Dance Cultural Fest of COEP.
* Event Organizer for “Ideation” in Technical Fest of CCOEW.
* Won the 2nd Prize in National Level Competition (Ideation).

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# PERSONAL PROFILE

**DOB:** 07 OCT1994

**Gender:** Female

**Marital Status**: Married

**Hobbies**: Travelling and Dancing

**Language Known**: Marathi, Hindi, English

**Address:** Flat no.13 Shaniwar peth near Shaniwar wada , Pune

Date: Place: PUNE