



## BRIEF SUMMARY

My objective is to secure a key position in a software company and creative engineering environment. Aim to work extra hard to achieve my target and give the best performance in the organization. I am eager to utilize my innovative abilities, skills for the accomplishment of the projects carried out.

## KEY EXPERTISE

Embedded C   Embedded Systems   Analog Circuits   SQL   Computer Networking   Communication Systems   Team Leadership  
Communication Skills

## EDUCATION

<b>MIT Academy of Engineering, Pune</b> B.Tech. - Electronics and Telecommunication Engineering   CGPA: 8.74 / 10	2020 - 2024
<b>Abhinav International School and Jr. college, Baramati</b> 12 <sup>th</sup>   MSBSHSE   Percentage: 70.92 / 100	2020
<b>Vidya Pratishthans English Medium school, Baramati, Pune, Baramati</b> 10 <sup>th</sup>   CBSE   Percentage: 74.80 / 100	2018

## INTERNSHIPS

<b>Lear Corporation</b> Electronics Maintenance Engineer <b>Key Skills:</b> Excel   Team Management   Interpersonal Communication I was assigned to the Metal-Production department. I have completed the project "Analysis of Electronics Components" and gained the experience of team work and management. In the 6 weeks duration, understood the flow of production and gained basic knowledge about the PLCs. Executed the project on Microsoft Xcel and created the Spare parts Matrix for different machines of production line.	30 May, 2023 - 15 Jul, 2023
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## PROJECTS

<b>Design and Development of Syringe Pump for Dental Sedation</b> <b>Mentor:</b> Prof. Amit Nagarale   <b>Team Size:</b> 4 <b>Key Skills:</b> Embedded Systems   Embedded C   Project Management Skills   Interpersonal Communication Solution - Syringe Pump is motor driven precision pump, which is used for Dental Sedation.	05 Aug, 2022 - 29 May, 2023
<b>Design and Development of Wall-Mounted IR Thermometer</b> <b>Mentor:</b> Prof. Amit Nagarale   <b>Team Size:</b> 4 <b>Key Skills:</b> Embedded C   Embedded Systems Solution - Design and Development of Wall-Mounted IR Thermometer using IR Temperature, Proximity sensor and a microcontroller.	22 Oct, 2021 - 13 May, 2022

## ASSESSMENTS / CERTIFICATIONS

<b>Interfacing with the Arduino</b> <b>Aggregate:</b> 99.37 / 100 <b>Key Skills:</b> Python	22 Jul, 2022
<b>The Arduino Platform and C Programming</b> <b>Aggregate:</b> 98 / 100 <b>Key Skills:</b> C Programming	15 Jul, 2022
<b>Introduction to the Internet of Things and Embedded Systems</b> <b>Aggregate:</b> 97 / 100 <b>Key Skills:</b> Embedded C   Embedded Systems	07 Jul, 2022

## SEMINARS / TRAININGS / WORKSHOPS

**IOT 3 days workshop- Fundamentals of IOT** Institute Name: CopperCloud IoTech

17 Oct, 2022 - 19 Oct, 2022

## CO-CURRICULAR ACTIVITIES

- UBA Hackathon for rural development

## EXTRA CURRICULAR ACTIVITIES

- National Service Scheme (NSS) - Core Member
- SciCon- 2023 (Organizer)
- Blood Donation Camp- Organizer

## PERSONAL INTERESTS / HOBBIES

- Sketching, Dance

## PERSONAL DETAILS

**Gender:** Female

**Marital Status:** Single

**Current Address:** Sai-dham Girls Hostel, Near Atithi hotel, Hindavi colony 2, Dehu Phata, Alandi Devachi, Pune, MAHARASHTRA, Pune, Maharashtra, India - 412105

**Emails:** samrudhi.kothawale@mitaoe.ac.in , samrudhikothawale29@gmail.com

**Date of Birth:** 29 Jan, 2002

**Known Languages:** English, Marathi and Hindi

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