DHIREN SANJAY BOHARAPI
B.Tech. - Electronics and Telecommunication Engineering
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Pune, Maharashtra, India - 412105

MIT | Academy of Engineering
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

BRIEF SUMMARY

Searching for a suitable employment in a company that specialises in electronics and in a creative engineering environment. Aim to put in extra effort to meet my goals and deliver the greatest performance possible for the company. I'm excited to use my creativity and technical know-how to the completed projects.

KEY EXPERTISE

Embedded Systems | Internet of Things | Team Management | Team Leadership | Analog Circuits | SQL | Embedded C | MBD

EDUCATION

MIT Academy of Engineering, Pune   2020 - 2024
B.Tech. - Electronics and Telecommunication Engineering | CGPA: **8.67 / 10.00**

St. Paul Junior & Senior College Science, Commerce & Arts, Nagpur   2020
12th | MSBSHSE | Percentage: **67.38 / 100.00**

N.T. RADKE HIGH SCHOOL WARUD, Amravati, Warud   2018
10th | MSBSHSE | Percentage: **92.00 / 100.00**

INTERNSHIPS

AppleStone India Pvt Ltd | Consumer Electronics / Appliances   25 May, 2023 - 31 Jul, 2023
Quality Assurance Tester

Key Skills: Quality Assurance | Team Management | Team Leadership

PROJECTS

Design and Development of Syringe Pump   05 Aug, 2022 - 29 May, 2023
Mentor: Prof. Amit V. Nagarale | **Team Size:** 4

Key Skills: Embedded C | Embedded Systems | Project Management Skills | Communication Skills | Team Leadership

Syringe Pump is motor driven precision pump, which uses syringe to deliver precise and accurate amount of fluids such as drugs to patients. It has ability to deliver fluids in small volumes and deliver at precisely automated intervals, which is suitable for adults, childern and newborns. It consists of graphical display, keypad, syringe fixation clamp and a stepper motor.

Design and Development of Wall-Mounted IR Thermometer   22 Oct, 2021 - 13 May, 2022
Mentor: Prof. Amit V. Nagarale | **Team Size:** 4

Key Skills: Embedded C | Embedded Systems | Interpersonal Communication

Since the spread of the disease coronavirus was due to people coming into contact, in many places it was a must to take care of such spread. So, the temperature was detected before people gathered at a place. The temperature was detected using the Thermometer gun but here the one person was mandatory, as he was in risk. The wall-mounted thermometer would be beneficial for use. It was designed using IR, Proximity, and a microcontroller Arduino. Where the IR sensor could detect the human presence and then detection of temperature was done. Here if the temperature exceeded normal human temperature then alarm indication was given.

ACHIEVEMENTS

- Rationalist Talent Search Examination : State Rank- 20

ASSESSMENTS / CERTIFICATIONS

Interfacing with Arduino

Introduction to IOT and Embedded System

Interfacing with Raspberry Pi

AI-900: Microsoft Azure AI Fundamentals

SEMINARS / TRAININGS / WORKSHOPS

3-Day IoT Foundation Workshop **Institute Name:** CopperCloud IOTech

EXTRA CURRICULAR ACTIVITIES

- Cooch Behar Trophy - U19 Player (Vidarbha- Cricket Association)
- National Service Scheme (NSS)- Co-Ordinator
- Blood Donation Camp - Organizer

PERSONAL INTERESTS / HOBBIES

- Playing Cricket
- Reading of Social Studies

PERSONAL DETAILS

Gender: Male
Marital Status: Single
Current Address: Behind Atithi hotel, Hindavi colony 1, Dehu Phata,
Alandi Devachi, Pune, MAHARASHTRA, Pune, Maharashtra, India -
412105

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Date of Birth: 26 Jun, 2002
Known Languages: Marathi, Hindi, English
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