

SHARDUL GATARE

Mechanical Engineer

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+91 7710095011

Projects/Workshops

Metal Detector with Pusher Mechanism

Successfully designed a mechanism of airport metal detector with Pusher alarm that detects metallic objects and separates it using the soft - ware CATIA, securing 'A' grade.

Internet of Things (IoT) Workshop

Attended a two-day workshop on Introduction to basics of IoT and Raspberry pi.

Baba Automobile

Prototyped a converter in an engine car into electric car. Attended a workshop of working on two wheeler engines.

Rocket Prototype

Participated in a rocket launching event by Imperial Scientific Association (ISA), designing a rocket prototype along with three team members.

Education

BE in Mechanical Engineering

Vishwaniketan's Institute of Management, Entrepreneurship and Engineering Technology

First year-GPA **7.35**

Second year-GPA **5.65**

Third year-GPA **6.0**

Fourth year-GPA **9.57**

Total CGPA-CGPA **7.13**

Dissertation Project:

Analysis of Energy consumption in HVAC system

12th Grade

Dyan Pushpa Vidya Niketan Jr. College, HSC **60%**
Class of 2017

10th Grade

St. Joseph's High School, SSC **78.60%**
Class of 2015

Experience

Project trainee

Active Energy OPC Private Ltd

Dec 2020 to May 2020

- Prepared an energy audit report for HVAC (Heating Ventilation & Air Conditioning) systems for Mangalore Refinery & Petrochemical Ltd.
- Observed and helped in monitoring the parameters for an energy audit report of Mulund Railway Station.

Intern

Brite Industries

July 2020 to Oct 2021

- Worked for installing, servicing and repairs of Air Conditioners

ABOUT ME

Date of Birth:

16 December, 1998

Languages Known:

English Full Working Proficiency

Hindi Limited working proficiency

Marathi Native or bilingual proficiency

Gender **Male**

Nationality: **Indian**

Software Skills

CATIA

AutoCad

SolidWorks

VOLUNTEER EXPERIENCE

Member

Imperial Scientific Association
(ISA)