

# **Moeketsi Kaeane**

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## **Btech Electrical and Electronics engineer**

### **SUMMARY**

As a student at Sandip University, I am pursuing my BTech in Electrical and Electronics Engineering with a keen interest in robotics and AI, and Electrical and Electronics as a major. I have completed multiple

Arduino projects and earned a certification from the Indian Institute of Technology, Bombay. I also have a renowned certificate in French language which I completed successfully in Algeria

### **WORK EXPERIENCE**

- **Biomedical Engineer intern**  
Oyster & Pearl Hospital–Pune, Maharashtra, Shivaji Nagar June 2024–August 2024

### **EDUCATION**

#### **B.Tech Electrical And Electronics Engineering in Engineering and Technology**

Sandip University School • Nashik, Maharashtra, India • GPA: 7.40 • 08/2021 – 07/2025

#### **English Club, Chemical Engineering**

Blida University • Algeria • 08/2019 – 06/2021

### **HIGH SCHOOL**

New Millennium English Medium High School • Maseru, Maseru, Lesotho • 01/2013 – 12/2018

### **PRIMARY SCHOOL**

S.O.S Hermann Gmeiner Primay School • Maseru, Maseru, Lesotho • 01/2009 – 12/2013

### **CERTIFICATIONS**

#### **Independent Travel Manager**

DreamPort • 11/2023 – 02/2024

#### **Robotics and AI ONLINE Course**

GreatLearning • 08/2023 – 08/2023

#### **Arduino Projects at IIT Bombay**

IIT Bombay • 12/2022 – 12/2022

#### **French certificate A1/2 Level**

Blida University, language department –2020–2021

### **AWARDS & SCHOLARSHIPS**

#### **Public Relations Officer**

Sandip University–2024

## **Airline Insider-Reading Iteneraries**

mintickle • 11 / 2023

## PROJECTS

### **Sandip assisting robot**

Sandip University • 01/2024 – 04/2024

Car Parking System based on Internet of Things(IoT)

### **Sonar**

IIT Bombay • 12/2022 – 12/2022

### **Rain detector alarm**

IIT Bombay • 12/2022 – 12/2022

### **Fire detector and alarm**

IIT Bombay • 12/2022 – 12/2022

### **Automatic street light**

IIT Bombay • 12/2022 – 12/2022

### **Automatic hand sanitizer**

IIT Bombay • 12/2022 – 12/2022

### **Automatic water pump**

IIT Bombay • 12/2022 – 12/2022

### **Light intensity meter**

IIT Bombay • 12/2022 – 12/2022

### **Gas leakage detector**

IIT Bombay • 12/2022 – 12/2022

### **Alcohol detector**

IIT Bombay • 12/2022 – 12/2022

### **Automatic Dustbin**

IIT Bombay • 12/2022 – 12/2022

## SKILLS & INTERESTS

Adaptability, Arduino programming, Artificial Intelligence, Communication skills, Dedication, Lead Others, Machine Learning, Proactive, Problem Solving, Progressive, Teamwork, English and French  
Diagnosing and repairing of medical equipments. Calibration of medical equipments. Preventive Maintenance of Medical equipments. Applications of Medical equipments. Evaluation of technical specifications at the time of purchase. Teamwork. Breakdown management and service. Advanced troubleshooting & component level repairing. Installation of medical equipments