

Education

MIT ACADEMY OF ENGINEERING

BTECH IN ELECTRONICS
ENGINEERING

2020-2024 Pune, Maharashtra
• Current C.G.P.A.- 7.99

Position Of Responsibility

CORE TEAM MEMBER

SAKSHAM: CHILD WELFARE &
EDUCATIONAL TRUST

Aug 2021-Present Pune, Maharashtra

NATIONAL STUDENT AMBASSADOR

INDO UNIVERSAL COLLABORATION
FOR ENGINEERING EDUCATION

Mar 2021-Jan 2022 MITAOE, Pune

Skills

Python • C/C++ • MATLAB • HTML/CSS
• Artificial Intelligence • Machine
Learning • Data Science • Deep
Learning • Natural Language
Processing • DBMS • OOPS •
Arduino • Robotics • Git • SQL

Workshops

ROBOTICS WORKSHOP

MIT ACADEMY OF ENGINEERING

- Conducted a 3-day workshop at the National level Technical event 'Equilibrium,' guiding participants in building robots using Arduino, sensors, motors, and other components.

DATA STRUCTURES AND ALGORITHMS

- In the summer of 2022, after my second year, I taught Data Structures and Algorithms (DSA) in C++ to my juniors, demonstrating both my expertise in the subject and my commitment to fostering a collaborative learning environment.

Experience

WEB DEVELOPER

ANKURETO STORE

October 2021 – January 2022 Pune

- Worked as a web developer intern to develop fully functional and responsive website for the respective store.

SOTWARE DEVELOPER INTERN

DEVOT AI

November 2023 – May 2024 Bangalore

- As an SDE intern at Devot AI, I specialize in implementing machine learning and deep learning algorithms to deliver tailored solutions, with a primary focus on enhancing chatbot functionalities for clients.

Recent Projects

LAGORI ROBOT

ABU ROBOCON 2022

August 2021- June 2022 MITAOE, Pune

- Led development of the Lagori Robot for Abu Robocon 2022, implementing YOLO for object detection, integrating electronics, and optimizing actuation with force calculations. Demonstrated expertise in robotics, computer vision, and systems integration for a theme-based project..

FACE MASK DETECTOR

MINOR PROJECT

February 2022- March 2022 MITAOE, Pune

- Implemented a real-time Face Mask Detection system using CNN, employing computer vision techniques to accurately identify mask presence on users.

IMAGE CAPTION GENERATOR

PERSONAL PROJECT

April 2023- May 2023 MITAOE, Pune

- Created image caption generator which uses ViT-GPT2 model, a Vision-Language pre-trained model that combines the Vision Transformer (ViT) and the GPT-2 language model.

RIDEX

RESEARCH PROJECT

August 2022- Present MITAOE, Pune

- Developed a unified transport system that consolidates public and private services, offering users optimal travel solutions with reduced time and affordable costs. The model strategically suggests seamless transitions between different services, leveraging both public and private transport options to enhance efficiency for users.

MEDICAL CHATBOT

PERSONAL PROJECT

August 2023- November 2023 MITAOE, Pune

- Developed a medical chatbot as a personal project, leveraging advanced models such as BioBERT and Llama 2 to simulate a doctor's interaction. Employed Deep Question Generation techniques to enhance diagnostic capabilities by formulating intelligent queries, showcasing a comprehensive understanding of machine learning in a healthcare context.