

# Ronit Murpani

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## EDUCATION

### VIDYALANKAR INSTITUTE OF TECHNOLOGY

B.E - INFORMATION TECHNOLOGY

CGPA: 9.47/10

2020-2024 | Mumbai, Maharashtra

### SMT. CHM COLLEGE

HIGHER SECONDARY - SCIENCE

2019-2020 | Ulhasnagar, Maharashtra

## LINKS

GitHub:// [ronitttm](#)

LinkedIn:// [ronitttm](#)

## SKILLS

### TECHNICAL

Python • SQL • Machine Learning  
• Django • Data Structures • OOPS •  
NumPy • Pandas • Data Visualisation  
• Scikit-Learn

### TOOLS

Jupyter Notebook • Google Collab •  
GIT • MySQL • Postman

### FAMILIAR

JavaScript • MERN • TensorFlow •  
Cloud Computing • Linux

## POSITIONS OF

## RESPONSIBILITY

### ITSA VIT

#### VICE PRESIDENT

July 2022 - July 2023

Mumbai, Maharashtra

- Led a 90-member committee in planning, organizing, and executing diverse technology-focused events, delivering seamless and captivating experiences for attendees. Oversaw event logistics, budgeting and scheduling of events.

### VERVE VIT

#### JOINT TECHNICAL SECRETARY

July 2022 - July 2023

Mumbai, Maharashtra

- Led a cross-functional team of 27 technical experts to successfully coordinate a 4-day intercollegiate tech festival, "Algorhythm," at VIT Campus. Managed an event that attracted 3000+ students to explore emerging technologies.

## EXPERIENCE

### VIDYALANKAR INSTITUTE OF TECHNOLOGY

#### IoT INTERN

June 2023 - August 2023

- Implemented IoT solutions using NodeMCU for real-time faculty attendance tracking.
- Actively deploying RFID technology to monitor the presence of staff members within an educational institution.

### VIDYALANKAR INSTITUTE OF TECHNOLOGY

#### MACHINE LEARNING INTERN

June 2023

- Predicted Cardiac Arrhythmia with an accuracy of **93%** by Implementing Machine Learning technologies.
- Developed a solid understanding of Machine Learning's best practices and trends through active learning during the internship.

### FREECO EDUCATION

#### QC EXPERT

December 2021 - July 2022

- Demonstrated expertise as a rigorous Quality Checking Expert at FreeCo Education, carefully assessing the correctness of questions uploaded to the Brainly platform. Learnt the basics of MS-Excel.

## PROJECTS

### TEXTBITWIZ | AI TEXT SUMMARIZER

- Built an AI text summarizer using Hugging Face's BART model, highlighting expertise in NLP and machine learning for automated and improved summarization.

### VFACTUS | STAFF AVAILABILITY MANAGEMENT SYSTEM

- Built an IoT attendance and availability system, cutting administrative and student efforts by **30%**, revolutionizing educational operations with real-time updates.

### CRYPTOCALCI | CRYPTOGRAPHY VIRTUAL LAB

- Created CryptoCalci for interactive cryptography learning, boosting engagement by **20%** and knowledge retention by **50%**. Integrated web scraping for up-to-date blogs and videos, enhancing user experience with the latest content.

### MUVIERA | MOVIE AND MUSIC RECOMMENDATION SYSTEM

- Used advanced text vectorization and cosine similarity for tailored recommendations, achieving an impressive **87%** accuracy and significantly enhancing the system's effectiveness.

## COURSES AND CERTIFICATIONS

- Oracle Cloud Infrastructure Foundations Associate | Oracle
- Postman API Fundamentals Student Expert | Postman
- Machine Learning Rockstar Specialisation | SAS
- Using Python for Research | HarvardX