

# RATTI VITALKUMAR

## Machine Learning Engineer

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### 🎓 EDUCATION

#### BACHELOR OF TECHNOLOGY

National institute of technology, Raipur

2019 – 2023

#### BOARD OF INTERMEDIATE EDUCATION

Sri Chaitanya junior college

03/2019

#### SECONDARY SCHOOL EDUCATION

Sri Sai school

04/2017

### 📁 PROJECTS

#### Heart Disease Prediction App 📄

12/2022 – present

- Acquired Dataset containing data related to over 1000 patients.
- Performed EDA on the data and Engineered into structured data by data cleaning
- Trained Machine Learning models such as Logistic Regression by splitting the data.
- Successfully Predicted the heart disease status of unknown patients with 80.4% accuracy.

#### Sentimental Analysis of Restaurant Reviews

02/2023 – present

- Acquired the dataset of Restaurant reviews from Google Maps
- Processed the data by using Pandas
- Utilized NLTK library to Perform Sentimental Analysis by using "Naive Bayes" Model.
- Successfully Predicted sentiment of review with 72% Accuracy.

### 🌐 LANGUAGES

Telugu | Hindi | English

### 🧠 SKILLS

Machine Learning | Python | NumPy

Pandas | Matplotlib | Seaborn | SciPy

OpenCV | NLTK | SQL | Excel

Leadership | Communication

Data Visualtization | Problem Solving

Team Work

### 🔑 INTERESTS

Gym | Data Analysis | Music

### 📄 CERTIFICATES

- Machine Learning from NIT Raipur

### 🏠 POR

#### NCC

Cadet

2021 – present

- Organised the CATC camp at 8girls batallion, lakholi in the month of December 2022
- Handled a total of 11 units of participants.

#### NSS

Head Coordinator

2019 – present

- Organise Multiple social events Including 'A day with real heroes'.
- Invited and Feliciated notable social workers who dedicated their life in different fields.

#### Go Green

Core Coordinator

2019 – present

- Organized our Flagship event GREEN DIWALI in our college to support eco friendly celebration of Diwali while also maintaining the fun spirit of the festival