

# Pratyush Prayash Jena

## Software Developer

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## Education

**Odisha University Of Technology and Research (CET Bhubaneswar)**

B.Tech in Electrical Engineering

*GPA upto 6th sem : 8.16/10*

## Experience

### **Freelance Machine Learning Developer**

*Python, OpenCV, TensorFlow, Keras, Scikit-learn, GitHub*

- Developed and optimized machine learning models for image classification, object detection, and sentiment analysis, delivering high-quality results and actionable insights for clients.
- Conducted sentiment analysis on social media and customer feedback data, enhancing customer satisfaction and engagement through data-driven strategies.

### **Virtual Internship - Salesforce**

*Salesforce*

- Developed a fully functional e-commerce website for shoe selling, incorporating best practices in web design and user experience.
- Enhanced an existing website by implementing customer-specific requirements, leading to improved business performance and customer satisfaction.

Virtual Internship Certificate.

## Projects

### **Car-price-predictor**

June 2023

#### **Car Price Prediction Model**

*Python, Pandas, Scikit-learn, Numpy, Seaborn*

- Developed a car price prediction model that takes basic inputs (e.g., fuel type, company name, model, year, km driven) and accurately estimates the car's market value.
- Implemented regression techniques to enhance prediction accuracy, providing users with reliable pricing insights.

### **Caption Generator**

Aug. 2024 - Ongoing

#### **Caption Generator Model**

*Python, Pandas, keras, Scikit-learn, Numpy*

- Developing a caption prediction model that takes a pictures path as input and try to give best caption to it.
- Implemented image processing and CNN-RNN to make prediction , providing users with reliable caption.

### **Calories-Burnt-prediction**

Sep. 2023

#### **Calories Burnt Prediction Model**

*Python, Pandas, Scikit-learn, Numpy*

- Created a calorie prediction model using features such as gender, age, height, weight, duration, heart rate, and body temperature to accurately estimate calories burned.
- Applied regression techniques to enhance prediction accuracy, aiding users in effectively tracking their fitness progress.

## Leadership and Volunteering

### **NSS TeamLead**

- Led a NSS team to successfully organize and execute three impactful community events.
- Blood Donation Camp , Free dental check up and Green environment events to aware and encourage to serve the society.

## Skills

### **Languages:**

Python, C, C++, HTML

### **Technologies & Tools:**

Matlab, OpenCV, Scikit-learn, NLTK

### **Data Analysis and Visualization:**

Pandas, Matplotlib, Seaborn

### **Certifications:**

For the course: Intro to Machine Learning by kaggle.

For the course: Intermediate Machine Learning by kaggle.