



# Pratim Mangaldas Dasude

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Kalyani, West Bengal

## Experience

### HighRadius Technologies, Bhubneswar

#### Machine Learning Intern

Jun - Nov 2023

- Developed and deployed a machine learning model to automate deduction validity assessment, increasing efficiency in financial operations by 75%.
  - Implemented write-off rules for low-value deductions, reducing processing time and improving client satisfaction.
  - Established a streamlined pipeline for automated deduction assessment, monitoring, and performance enhancement, benefiting over 120 clients.
- Skill - Python, Sklearn, Git, Jira, SQL.

## Personal Projects

### AI - B2B application ( ML model - Unpaid Internship of Highradius)

- Developed a predictive model using ML to forecast future order amounts based on historical data with hyperparameter tuned for greater accuracy of 78%.
  - Created a user-friendly React.js interface with advanced UI elements and integrated SQL Workbench for efficient data retrieval and display.
- Skill - Python, Sklearn, Git, React.js, SQL, Java Servlet.

### Medical NLP : Hugging face ( llama2 model implementation )

Chat Bot kind ML working that train on dataset and model of Hugging face

- Developed an AI chatbot using cutting-edge models and datasets from Hugging Face. Implemented model loading and tokenization. Achieved seamless text prediction and enhanced user engagement through real-time deployment of the chatbot.
- Skill - Python, Hugging Face.

### Pac Man ( Deep convolutional q learning)

- Creating Reinforcement Learning model that can train to play Pac man game and make the highest score
- Utilized OpenAI Gym and PyTorch to implement reinforcement learning for Pac-Man, achieving maximum scores across epochs. Custom environment integration and neural network design optimized decision-making, showcasing proficiency in RL techniques and neural network optimization.
- Skill - Python, Gymnasium, PyTorch

### E - Commerce Website ( React app )

E-commerce website with integrated login and database

- Developed a React.js E-commerce app with Firebase backend, enabling real-time clothing catalog updates and secure user authentication. Integrated a reliable payment gateway for seamless transactions, enhancing user trust and conveniences.
- Skill - React.js, Firebase, Redux, Javascript.

## Skills

Technical : Python, Java, C++, React.js, Javascript, SQL, Machine Learning, Gymnasium, PyTorch, Firebase.  
Tools : Git, Jira, BitBucket, G collab.

## Educations

### Kalinga Institute of Industrial Technology, Bhubneswar

Computer Science and Engineering ( 2020 - 2024 )

CGPA: **9.10**

### Julien Day School, Kalyani




ICSE Board ( 2015 - 2017 )

Percentage: **81.83**

ISC Board ( 2017 - 2019 )

Percentage: **84.00**

## Courses and Certificate

-  Neural Networks and Deep Learning Aug 2023
-  Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization Aug 2023
-  PCAP: Programming Essentials in Python - Cisco Networking Academy July 2023