



Ronit Murpani

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WORK EXPERIENCE

YES CRM CONSULTANTS

Analyst

July 2024 - Present

- Implementing and customizing Zoho solutions to meet client requirements, improving operational efficiency and user experience.
- Engaging with clients to provide tailored Zoho solutions and ensure successful implementation.

Vidyalankar Institute of Technology

Machine Learning Intern

June 2023 - August 2023

- Developed a machine learning model predicting Cardiac Arrhythmia with a 93% accuracy rate.
- Gained hands-on experience with ML algorithms, data preprocessing and model optimization during the internship.
- Collaborated on projects using Git and GitHub for version control and task management within the team.

EDUCATION

Vidyalankar Institute of Technology

Bachelors of Engineering in Information Technology - 9.46 CGPA

2020 - 2024

SKILLS

Languages and Databases: Python, JavaScript, SQL, MongoDB, PostgreSQL

Technologies/Framework: Machine Learning, Natural Language Processing, Django, Cloud Computing, API Testing, NumPy, TensorFlow, scikit-learn, Large Language Models (LLM), Generative AI

Developer Tools: Jupyter Notebook, Google Collab, GIT, GitHub, Postman, AWS, Hadoop

PROJECT

Cryptography Virtual Lab

- Created an interactive cryptography lab that increased engagement by 20% and improved knowledge retention by 50%.
- Developed the platform using Django, HTML, CSS, JavaScript, and PostgreSQL for data handling.
- Integrated Firebase for the seamless storage of user-generated images to increase safety.

Cardiac Arrhythmia Prediction

- Developed a machine learning model to predict cardiac arrhythmias with high accuracy using ECG data.
- Preprocessed and analyzed ECG data, applied feature engineering and trained a classification model to improve diagnostic precision.
- Collaborated with healthcare professionals to validate model performance and ensure it's real world applicability.

Text Summariser using BART Model

- Developed an AI based text summarizer using Hugging Face's BART model, showcasing expertise in natural language processing and machine learning.
- Built a real-time interactive web page using HTML, CSS, JavaScript, and Express.js to allow users to generate summaries.
- Utilized Postman for API testing and to send and manage API requests.

Chicken Disease Prediction

- Designed and implemented a machine learning model for poultry disease prediction based on image recognition.
- Utilized image processing and deep learning techniques to classify poultry diseases, achieving high predictive accuracy.
- Integrated the model with a user-friendly interface for real-time disease detection in poultry farming.

CERTIFICATES AND RESEARCH WORK

Oracle Cloud Infrastructure 2023 Certified Foundations Associate 

SAS Certified Machine Learning Rock Star 

Postman API Fundamentals Student Expert 

"CryptoLabs- A Virtual Playground and Lab for Learning Cryptography" - Published in IEEE Xplore 

"Machine Learning Algorithms for predicting Cardiac Arrhythmias" 