Rakesh Oza

@ozarakesh533@gmail.com ⚲ Pune, India ⓞ Ozarakesh533 📞 +91 7821018766 in rakeshoza

INTERNSHIPS

Data Science Intern
Innomatics Research Labs

📅 Sep 2024 – Present

- Analyzed **Electric Vehicle (EV)** sales trends across the U.S.
- Conducted **Data Cleaning** to ensure **high-quality**, usable **data** for analysis.
- Performed **Exploratory Data Analysis (EDA)**.
- Developed a **Choropleth Map** to display the **distribution** of EV by state, uncovering key **market insights**.
- Created a **Racing Bar Chart** to visualize year-wise **EV sales** by manufacturers, highlighting the **growth of leading brands**.
- ⓞ Ozarakesh533/EV_DS

AI/ML Intern
Ybi Foundation

📅 June 2024 – July 2024

- Developed a Salary Prediction Model for Data Professions, achieving **94% accuracy**. Integrated data preprocessing, EDA, model training & evaluation.
- ⓞ Ozarakesh533/Salary-Predicition-Project

EDUCATION

B.E. in Computer Science and Engineering
Zeal College of Engineering and Reseach

📅 02/2020 - 07/2024   📍 CGPA: 8.48/10

Higher Secondary Certificate HSC -Class XII
Sinhgad College of Arts, Commerce and Science

📅 05/2018 - 07/2021   📍 Percentage: 52.62

Board of Secondary Education SSC - Class X
Vidya Vikas Vidyalaya

📅 04/2018   📍 Percentage: 73.20

SKILLS

1. **Programming Languages**: Python (Proficient)
2. **Data Science Expertise**: Data Cleaning, EDA, Feature Engineering, Data Preparation, Model Training and Model Evaluation
3. **Machine Learning**: Linear Regression, Logistic Regression, Decision Trees, Random Forest, XGBoost
4. **Deep Learning**: ANN, CNN, RNN
5. **Generative AI**: LangChain, LLMs (e.g., GPT, Gemini, LLaMA)
6. **Frameworks**: TensorFlow, PyTorch, Scikit-learn, FastAPI, Flask, Streamlit.
7. **MLOps**: MLFlow, Docker, GitHub Actions, DagsHub
8. **Databases**: MySQL, MongoDB
9. **Cloud**: AWS EC2, ECR, S3 bucket
10. **Version Control**: Git, DVC

PROJECTS

Diamond Price Prediction
Tech: Python, MLFlow, Flask, Docker, CI/CD, AWS

- Developed a **machine learning model** to predict diamond prices based on features like **carat, cut, color, clarity, depth, table, and dimensions**.
- Used **AWS S3 Bucket** for **dataset storage** and retrieval.
- Conducted **Exploratory Data Analysis (EDA)**, including **Univariate** and **Bivariate analysis**, to understand relationships.
- Implemented an **automated MLOps pipeline** with stages for **Data Ingestion, Validation, Transformation, Model Training**, and **Evaluation**.
- Set up a **DAGsHub Registry** for **MLFlow Experiment Tracking** and **Model Versioning**.
- Built a **Prediction Pipeline** for Model Serving using **Flask App**.
- Automated **CI/CD pipeline** using **GitHub Actions**.
- Deployed the app on **AWS EC2 via ECR** for production use.
- ⓞ Ozarakesh533/Diamond-Price-Prediction

Text Summarizer App
Tech: Python, NLP, Docker, CI/CD, AWS

- Developed a **Text Summarization App** that will summarize any **text**, **dialogue**, **conversation** or **article**.
- **MLOps pipeline:** Data Ingestion, Validation, Transformation, Model Training, and Evaluation.
- Automated **CI/CD** pipeline using **GitHub Actions** & **Docker**.
- Deployed the **Streamlit App** on **AWS EC2** via **ECR**.
- ⓞ CodeWithCharan/Text-Summarizer

ACHIEVEMENTS

1. Earned **5 stars** in **Python** on HackerRank
2. Earned **5 stars** in **SQL** on HackerRank
3. Achieved **rank 1896** out of 68761 participants in a Kaggle competition

CODING PROFILE

1. **LeetCode** - leetcode.com/u/rakeshoza
2. **Hacker Rank** - hackerrank.com/rakeshoza

CERTIFICATES

1. **Python:** HackerRank
2. **Problem Solving:** HackerRank
3. **Machine Learning with Python:** freecodecamp

LINKS

- in rakeshoza
- ⓞ Ozarakesh533
- 🌐 codewithcharan.github.io/My-Portfolio