Aditya Ravindra More

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SUMMARY

My fervor lies in leveraging advanced techniques such as Machine Learning, Deep Learning, Natural Language Processing, Computer Vision, Statistics and ensemble methods to creatively address and solve intricate real-world problems within the realm of data science.

INTERNSHIPS

Machine Learning Intern **Sep '23 - Present**

Bharat Intern | Remote

Collaborated on a team using Python and TensorFlow to preprocess and analyze large datasets, design and fine-tune predictive models, and optimize algorithms, resulting in the successful development of a machine learning solution during the internship.

Python Development Intern **Sep '23 - Present**

Octanet | Remote

As a Python Development Intern, I contribute to building and improving Python applications by adding features, debugging, optimizing code, and participating in code reviews.

Machine Learning Intern **Sep '23 - Present**

Prodigy Infotech | Remote

Worked on various projects including a regression model to predict house prices, clustering model to group customers and SVM for classification, along with that got to implement and deploy the models on HuggingFace.

TECHNICAL SKILLS

- Languages: Python, JAVA, SQL
- MLOps: AWS, Azure, ZenML, MLflow, Streamlit, Kubeflow, KServe, DVC, etc.
- Neural Networks: PyTorch, Tensorflow, Keras, Transformer, Vision Transformer, CNN, GAN, ProGAN, RNN, etc.
- Machine Learning: Scikit-learn, Random Forest, SVM, TF-IDF, Gradient Boosting, LSTM, Regression, Classification, etc.
- Data Visualization: Matplotlib, Seaborn, Tableau, Power BI, Plotly, etc.

EDUCATION

B. Tech - Computer Science Engineering **Aug '20 - Present**

NIIT University | Neemrana, RJ

- **CGPA: 7.74**

Higher Secondary School Certificate **Aug '18 - May '20**

KTHM College | Nashik, MH

- **78.62 %**

PROJECTS

Chicken Disease Classification

- Developed a streamlined pipeline using DVC to classify if the chicken has disease or not and deployed it on AWS and on Azure.
- Crafted a production-ready system for customer satisfaction prediction by employing CI/CD practices, containerization, and model monitoring, ensuring smooth deployment and ongoing performance assessment.

Foodvision Classification

- A multi-class food classification project deployed on Hugging Face using Gradio.
- The model is trained extensively using Vision Transformer (ViT) architecture and classify between 100s of food items.

Authorship Attribution

- Research project which compares different ML algorithms and predicts author of a given text sample,
- Used Bag-of-Words for feature generation while Clustering and Latent Semantic Analysis for classification.

Face Generation

- Generates high resolution human faces using a model trained on *celeb-hq* dataset.
- The model is trained on advanced Generative Adversarial Network(GAN) architecture called ProGAN.

AI Healthcare Imaging

- Healthcare project which can detect tumors in scans using segmentation technique.
- Specific Convolutional Neural Network (CNN) architecture called U-Net performs precise segmentation.

Road Accident Dashboard

- designed a comprehensive road accident dashboard utilizing Tableau, integrating diverse datasets and interactive visualizations to provide insightful analytical perspectives.