

Anirudh Madhusudan

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WORK EXPERIENCE

Universal Electronics Private Limited

Bengaluru, India

Software Engineer

May 2021-Present

- Collaborated with the Data Management Team to integrate innovative data solutions, resulting in an increase in efficiency for data analysis initiatives.
- Developed and implemented Machine Learning and Deep Learning models for Consumer Electronics Control leveraging the Quickset cloud platform.
- Employed a diligent approach to optimizing Machine Learning models, leading to substantial cost savings of approximately \$6,000 per month for the company.

Ceprotec Automations

Bengaluru, India

Data Analytics Engineer

December 2020-May 2021

- Enhanced data reporting by developing impactful Data Visualization solutions.
- Leveraged expertise in Machine Learning and Deep Learning to build automated models for streamlining Grains Quality Control processes.

iNeuron.ai

Bengaluru, India

Data Scientist

September 2020-December 2020

- Took on the responsibility of extracting relevant news information from RSS feeds.
- Applied robust pre-processing techniques and utilized text summarization methods to extract key insights from the text.

Global Mantra Innovations

Bengaluru, India

Data Science Intern

February 2020-August 2020

- Proficiently constructed dialog flow conversations for a chatbot.
- Collaborated with Google Text to Speech APIs to enhance the chatbot's functionality.
- Utilized Python and Tesseract libraries to successfully extract clinical information from PDF lab reports.

SKILLS

- **Language/Tools** - Python, R, SQL, Git, MLOps
- **Libraries/Frameworks** - TensorFlow Scikit-Learn, Pandas, NumPy, BeautifulSoup Keras
- **Machine Learning** - Classification (Random Forest, KNN, SVM, Decision Tree, Boosting), Regression Modelling (Linear, Sparse, Logistic), Principal Component Analysis Clustering (K-Means), ARIMA, ARIMAX.
- **Deep Learning** - Computer Vision (ResNet, VGGNet, Yolo), Natural Language Processing (RNN, LSTM, GRU, BERT), Transformers, Deep Neural Network
- **Data Visualization** - Matplotlib, PowerBI.
- **Cloud Platforms**- AWS Sagemaker, Azure.

EDUCATION

Jain University

Bengaluru, India

Bachelor in Computer Applications

August 2015-Decemeber 2018

PGP in Data Science

INSOFE, Bengaluru

PROJECTS

Movie Review: Lion King([GitHub](#))

- Performed Sentiment Analysis on Lion King movie reviews by extracting data through web scraping, utilizing data mining techniques, and building machine learning models.