

MARIA NIVITUS J

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Skills

Languages

Tamil | English | Spanish

Programming

Python | C++ | HTML | CSS

IDE & Frameworks

Anaconda | Pycharm | VSCode |
RASA | Tensorflow & Keras (Basics) |
PyTorch (Basics) | Django | OpenCV |
Docker (Basics) | Git

ML and DL Techniques

Regression | Classification |
Clustering | PCA | EDA | Data
Cleaning | Data Visualization | Data
Analysis | ANN | CNN | RNN |
Transfer Learning | LSTM

NLP and Computer Vision

Sentiment Analysis | Stemming |
Lemmatization | Object Detection |
YOLO | Image Segmentation | Object
Tracking | Video and Image
Annotation | NLTK | Spacy

Database and Cloud

MySQL (Basics) | PostgreSQL
(Basics) | AWS (Basics) | Heroku

Education

MCA - Master of Computer
Applications | GPA : 7.1 / 10
Loyola College | Chennai, India.
July 2018 - May 2021.

BCA - Bachelor of Computer
Applications | GPA : 6.9 / 10
Don Bosco College | Tuticorin India.
June 2015 - May 2018.

Hobbies and Soft Skills

Reading | Chess | Football
Teamwork | Leadership |
Motivational Speaker

Passionate data science and machine learning professional with the ability to apply Machine Learning and Deep Learning techniques and leverage algorithms to solve real-world business problems. Established ability in deploying effective predictive models across different industries to accurately forecast consumer behaviour and deliver proven results.

Experience

Trainee Machine Learning Engineer

NeoSOFT Technologies | Mumbai, India.

February 2021 - August 2021.

Project 1: E-Commerce Website

- **Primary Task:** To create an E-Commerce website using Django and python along with a customer recommendation system using machine learning techniques.
- **My Task:** Worked E-Commerce backend part with PostgreSQL and CRUD operations along with custom Django admin & API creation for users and creating recommendation systems.

Project 2: Automation Supermarket

- **Primary Task:** To create a convenience store that operates without a cashier using deep learning and computer vision.
- **My Task:** Worked on various grocery product video annotations using darklabel tool and wrote the script for product detection and product tracking which increased model performance.

Project 3: Slurrp Farm Product Recommendation System

- **Primary Task:** To create a recommendation system that has the ability to predict user's preference for products using NLP.
- **My Task:** We built elasticsearch for autocomplete the searching products along with the fastest recommendation system which increased 30-40% search engine speed and improved the accurately recommended products.

Data Science Internship

AICE Cloud Enterprise | Tallinn, Estonia.

August 2020 - October 2020.

Project 1: AI Journals and Books Recommendation Engine

- **Primary Task:** To Create a Recommendation Engine has the ability to predict and recommend the right user's wish AI Books and Journals using NLP and Machine Learning.
- **My Task:** Worked on Data Collection part, Collected various AI books and journal data from Elsevier, Google Scholars and more.

Personal Projects

- Car Brand Classification using Deep Learning in CNN.
- Leaf Disease Detection using Deep Learning in CNN.
- Cricket Score Prediction using Machine Learning.
- Movie Recommendation Engine with Sentiment Analysis.
- Flight Price Prediction Using Machine Learning.
- Heart Disease Classification.