

Abhishek Kumar

ADDRESS

Bangalore 560059

CONTACT

8456976398

abhishekr5895@gmail.com

05 August 1995

OBJECTIVE

IT Professional with 4 years of experience in Machine Learning and Data Science with a strong background in mathematics and Model Development, Impeccable knowledge for initiating application with algorithm, Artificial Intelligence, Machine Learning, Deep Learning,AWS.

SKILLS

Python

Deep learning

Sklearn

Supervised Learning

Ensemble Model

AWS CloudWatch

AWS Lambda

AWS ECS

AWS lambda

BERT

Recurrent Neural Network

Machine Learning

Natural Language Processing

predictive Modeling

UnSupervised Learning

AWS S3

AWS Sagemaker

AWS EC2

Docker

LSTM

Transformer

AWARDS

Spot On A-Team

Mindtree

CERTIFICATIONS

Coursera Dep Learning

Corsera

WORK EXPERIENCE

Mindtree

Senior Engineer

(October 2018 - Present)

- Understand business problems and provide data-driven solutions for those problems.
- Experienced in machine learning, supervised and unsupervised: Regression, Classification, Data/Text Mining, Semantic Extraction Techniques, NLP, Deep Learning Algorithms, Decision Trees, Adaptive Decision Algorithms, Random Forest, Gradient Boosting, Neural Networks
- Extensive hands-on with regression and classification techniques.
- Built domain specific features for condition monitoring using existing edge platform.
- Deployed Machine Learning Model in Sagemaker endpoint using pre built image Container in Docker and by registering own container in ECR(BYOC).
- Involved in Integration Module which includes Data Collection , Data Cleaning , Model Building , Creating Table in AWS RDS using Python, created stored procedure.
- Involved in developing Model using BERT in NLP and improve loss in model using optimisation.

EDUCATION

Silicon Institute of Technology

Btech Information Technology

7.2

DAV Public School

ALL

8.6

PROJECTS

Information Retrieval from Text using NLP

Technique(Veritas)

(March 2020 - April 2021)

Roles : -

- Involved in data collection(100K+), data pre-processing, Exploratory Data Analysis and transform evaluated data, Training, optimizing and tuning the algorithm for improving Performance Metrics.
- Used Binary Classifier Model to Predict the Incoming query Email is spam or ham(promotional Email, Automatic Reply) Binary Classifier
- Information Extraction from Email and attachment using Named Entity Recognition(Spacy,nltk).

Entity Extraction Using NLP Techniques (Association of American Medical Collage)

(June 2021 - Present)

Built a Successful Extraction Model using NLP Technique.

Roles : -

- Involved in collection of data (AWS S3, 16K+), extract text from document(pdf,tiif,image) using AWS Textract, pre-process the data. Built classification model for different type of document.
- Built Regression Model(Linear Regression) to predict the Admission in Universities
- Built extraction based Model to extract entity from text using bERt NER and Spacy.
- Involved in Deployment of machine learning Model to Sagemaker endpoint, Lambda function.