

# Abhishek Kumar

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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	Machine Learning
Deep learning	Natural Language Processing
Sklearn	predictive Modeling
Supervised Learning	UnSupervised Learning
Ensemble Model	AWS S3
AWS CloudWatch	AWS Sagemaker
AWS Lambda	AWS EC2
AWS ECS	Docker
AWS lambda	LSTM
BERT	Transformer
Recurrent Neural Network	

AWARDS  
Spot On A-Team  
Mindtree

CERTIFICATIONS  
Coursera Dep Learning  
Corsera

WORK EXPERIENCE	
Mindtree Senior Engineer	(October 2018 - Present)
<ul style="list-style-type: none"><li>Understand business problems and provide data-driven solutions for those problems.</li><li>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</li><li>Extensive hands-on with regression and classification techniques.</li><li>Built domain specific features for condition monitoring using existing edge platform.</li><li>Deployed Machine Learning Model in Sagemaker endpoint using pre built image Container in Docker and by registering own container in ECR(BYOC).</li><li>Involved in Integration Module which includes Data Collection , Data Cleaning , Model Building , Creating Table in AWS RDS using Python, created stored procedure.</li><li>Involved in developing Model using BERT in NLP and improve loss in model using optimisation.</li></ul>	
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)
<p><b>Roles :</b> -</p> <ul style="list-style-type: none"><li>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.</li><li>Used Binary Classifier Model to Predict the Incoming query Email is spam or ham( promotional Email, Automatic Reply) Binary Classifier</li><li>Information Extraction from Email and attachment using Named Entity Recognition(Spacy,nltk).</li></ul>	
Entity Extraction Using NLP Techniques (Association of American Medical Collage)	(June 2021 - Present)
<p>Built a Successful Extraction Model using NLP Technique.</p> <p><b>Roles :</b> -</p> <ul style="list-style-type: none"><li>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.</li><li>Built Regression Model(Linear Regression) to predict the Admission in Universities</li><li>Built extraction based Model to extract entity from text using bERt NER and Spacy.</li><li>Involved in Deployment of machine learning Model to Sagemaker endpoint, Lambda function.</li></ul>	