Jyoti Yadav

Artificial Intelligence / Data Scientist/ Machine Learning Engineer/ Automation Test Engineer

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LeetCode: https://leetcode.com/jyotiyadav1994/

An organized and innovative artificial intelligence engineer whose ambition is to be a part of an organization that allows for continuous personal development and offers opportunities to utilize one's creative mindset in contemplation of providing a meaningful contribution to the said firm.

EDUCATION

Masters in Artificial Intelligence	Alma Mater Studiorum – Università di Bologna (Italy)	96/110	*2020 - 2022*
B.Tech. Electronics Engineering	JNTU Kakinada (India)	80.3%	*2012 - 2016*
Intermediate	Kendriya Vidyalaya No. 2 NSB Visakhapatnam (India)	73%	*2011 - 2012*
Matriculation	Kendriya Vidyalaya INS Valsura Gujrat (India)	9/10 CGPA	*2009 – 2010*

PROGRAMMING EXPERIENCE

Synther AI   *Feb 2022 – Present*
Data Scientist -Natural Language Processing

- Development of Instagram likes predictor and Machine Learning modeling for automated likes prediction based on meta data, NLP, Hashtag Image Assessment using Microsoft Azure Platform.
- Compiled & Analyzed data for the feature extraction.

Proceedit-The BPaaS Company   *Sep 2021 – Dec 2021*
Data Scientist -Machine learning

- Development of Stock Price predictor and Machine Learning modeling for automated prediction based on historical data.
- Scrapping data from yahoo finance & Deployment of Stock price predictor to AWS using Flask API.

DataCamp & World Quant University   *Oct 2020 – Dec 2020*
Certifications

- Certified Python Programmer, Data Scientist, and Machine Learning Scientist fromData Camp (10 Courses)
- Applied Data Science 1: Scientific Computing & Python (with honors)

EXPERIENCE

GlobalLogic - Bengaluru (INDIA)   *Dec 2018 – Dec 2020*
Automation Test Engineer   Marketo Adobe

- Performing Mobile testing for in-App Messages, Push Notification & SMS
- Writing test script for Regression test cases using Appium, Rest API & Selenium WebDriver in JAVA
- Monitoring the status of patches in JIRA, packaging & deploying using pcs tool
- Monitoring & Fixing failure jobs in Jenkins

DXC Technology - Bengaluru (INDIA)   *April 2017 – Dec 2018*
Software Tester   LOLO NBN Telstra Australia

- Debugging of Failure Automation Test Scripts using Selenium WebDriver
- Creating new Test scripts for Regression using TestNG, Maven Framework
- Performed POC on TOSCA Test suite

Hewlett Packard Enterprise - Bengaluru (INDIA)   *Nov 2016 – April 2017*
Quality Assurance Engineer   MNPCIS Telstra Australia

- Responsible for offshore product Quality Assurance testing
- Analysis of functional requirement, preparing test scenario and executing test cases in Agile methodology
- Creating Test Plan Documents & Reporting bugs in Defect Life cycle.

PROJECTS

- **Anomaly Detection using self-supervised:** Implemented semi supervised & Unsupervised algorithm for Anomaly detection in HPC CINECA dataset.
- **Bitcoin Prediction:** Implemented Bi-GRU, GRU & LSTM model for short term price prediction.
- **Twitter Sentimental Analysis:** Implemented sentimental Analysis on supervised dataset which revolves around three strategies Bag of Words, TF-IDF, Word2Vec, Doc2vec.
- **Credit Risk Bayesian Network:** A Bayesian Network that learns association between the traits attributes of different borrowers in history & their repayment status whether it resulted in good or bad.
- **Instacart Market Basket Analysis:** Instacart is a American grocery delivery & pick up services. The goal is to predict which product will be in user's next order.
- **POS Tagging:** Performed sequence Labelling of parts of speech tagging over a dependency treebank dataset.
- **Fact Checking**: Focusing on Fact Extraction and Verification (FEVER). The task consists of validating whether the information in the documents supports or refutes a given claim.
- **Tablut Game Challenge:** Implementing a Minmax Algorithm for Tablut
- **VLSI problem:** Implemented the VLSI of the circuits given a fixed width plate of rectangular circuit.
- **Simplex Algorithm:** Implementing the Simplex algorithm for maximizing the objective function
- **American Sign Language:** Implementing a CNN to classify images of ASL.

SKILLS

- Python
- Machine Learning
- Text Mining
- AWS
- Flask
- Posgres SQL
- JIRA
- Prolog
- Agile
- POSTMAN
- C/C++
- SQL
- JAVA
- Data Analytics
- NLP
- Azure
- Deep learning
- Mongo DB
- HP-ALM
- MiniZinc
- Selenium WebDriver
- TensorFlow
- Visual Studio Code
- Excel
- Scala
- Data Mining
- Big Data Analytics
- Docker
- GIT
- SQL yog
- Rally
- SAT/SMT
- Computer Vision
- Karas
- HTML/CSS
- MLops

LANGUAGES

- English – C1
- Hindi - C2
- German - A1
- Italian -   A1

EXTRA-CURRICULAR

- Awarded for Outstanding performance service to Dxc Telstra Account
- Awarded certificate of Appreciation for demonstrating high-level technical expertise and taking project initiatives
- Awarded Best sports women for multiple winning prizes in GlobalLogic Annual Sports meet
- Gold Medal in National Level Meet in Kho-Kho 37th SGIF (School Games Federation of India)
- Awarded for students Representative in college
- Represented Newsletter head for Dxc technology

HOBBIES

- Traveling
- Sports
- Food
- Movies
- Reading
- Photography