



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

Data Science Intern

Feb 2022 – Present

- 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

Data Science Intern

Sep 2021 – Dec 2021

- 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

Certifications

Oct 2020 – Dec 2020

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

EXPERIENCE

GlobalLogic - Bengaluru (INDIA)

Automation Test Engineer

Dec 2018 – Dec 2020

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)

Software Tester

April 2017 – Dec 2018

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)

Quality Assurance Engineer

Nov 2016 – April 2017

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.

LANGUAGES

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

SKILLS

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

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

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| ▪ Traveling | ▪ Food | ▪ Reading |
| ▪ Sports | ▪ Movies | ▪ Photography |