



## Jyoti Yadav

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

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**GitHub:** <https://github.com/jotiyadav94>

**LeetCode:** <https://leetcode.com/jotiyadav1994/>

*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

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

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### 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

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- **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

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

## SKILLS

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

## EXTRA-CURRICULAR

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- 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 37<sup>th</sup> SGIF (School Games Federation of India)
- Awarded for students Representative in college
- Represented Newsletter head for Dxc technology

## HOBBIES

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