



Jyoti Yadav

Date of birth: 07/03/1994 | **Nationality:** Indian | **Gender:** Female |

(+39) 3516852004 | jyoti.yadav@studio.unibo.it |

<https://www.linkedin.com/in/jyoti-yadav-64916b160/> |

<https://github.com/jyotiyadav94> | <https://leetcode.com/jyotiyadav1994/> |

Whatsapp Messenger: +39 3516852004 |

Via de' Carracci, 9 40033 Casalecchio di Reno BO, 40033 , Bologna, Italy

WORK EXPERIENCE

01/09/2021 – 01/12/2021 – Barcelona, Spain

DATA SCIENTISTS – PROCEEDIT "THE BPAAS COMPANY"

- Development and Deployment of an LSTM-based Stock Price Prediction Model

CERTIFICATIONS

DataCamp

- Certified Python Programmer, Data Scientist and Machine learning Scientist from Data Camp

World Quant University

- Applied Data Science 1: Scientific Computing & Python (with honors)

15/09/2020 – CURRENT – Bologna, Italy

MASTER'S IN ARTIFICIAL INTELLIGENCE AT UNIVERSITY OF BOLOGNA

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.

Projects

- **Bitcoin prediction** - The main objective of this task is to predict the next day's price of a Bitcoin. Here I will be comparing three models to determine their efficacy in predicting the price of Bitcoin.
- **Credit Risk Bayesian Network** - A Bayesian Network to learn the association between the traits attributes of different borrowers in history and their repayment status whether it resulted in good risk or a bad risk
- **InstaCart Market Basket Analysis** - Instacart is an American company that provides grocery delivery and pick-up service. The goal of the competition is to predict which products will be in a user's next order.
- **Sentimental Analysis on Tweet** - Performed sentimental Analysis on a supervised dataset. The project is focused on 3 representations strategies Bag of words, TF-IDF, Word2Vec, and Doc2vec with comparing three classifiers
- **POS Tagging using Neural Architectures** - Performed sequence Labelling of Parts of Speech Tagging over a dependency treebank dataset using neural architectures.
- **Fact Checking** - Focussing on the task of 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**: Designed a Min-Max Gaming Algorithm for Tablut
- **Modeling and Solving VLSI Problem** - Very Large Scale Integration (VLSI) refers to the trend of integrating circuits into silicon chips. The main task is to design the VLSI of the circuits given a fixed-width plate and a list of rectangular circuits.
- **Simplex Algorithm** - Implementation of Simplex algorithm for maximizing the objective function with the set of given constraints.

- **American Sign Language (ASL) for Deep Learning** - Training a convolutional neural network to classify images of American Sign Language (ASL) letters. After loading, examining, and preprocessing the data, we will train the network and test its performance.

14/12/2018 – 04/11/2020 – Bengaluru, India

SENIOR SOFTWARE TESTER – GLOBALLOGIC

Main Responsibilities

- I joined in GlobalLogic as a Senior Software Tester and responsible for Automating the application
- *Automation Tester* – As an Automation Tester involved in writing test scripts using Selenium, TestNG, Java programming language and involved in creating frameworks
- *Mobile Testing* – In Mobile Testing I was involved in writing test scripts using APPIUM and Rest API in Java programming language
- To fetch test data or to verify by executing SQL queries for execution in SQL.
- *Agile Tester* - Developed tests and ensured their accordance with business specifications, managed the development of test plans per requirement, Performed regular manual tests on new and existing features of applications. Attending daily Scrum calls with clients and reporting the status.
- Sprint Planning – Involved in Sprint planning activities and understanding the requirements.
- *Monitoring, Tracking, Reporting*- Logging and Tracking defects & continuously Monitoring the Jenkins jobs and fixing the failed job & Reporting the status of the job's on a weekly basis.
- *Reports & Closeout Activities* - Sending daily status reports to clients & updating the planning status tracker on daily basis & working on the requirements traceability matrix once execution is completed.

02/04/2017 – 14/12/2018 – Bengaluru, India

SOFTWARE TESTERS – DXC TECHNOLOGY

Main Responsibilities

- Worked on functional testing following a Waterfall/agile model to prepare test cases, test scenarios, and test execution.
- Identified the implementation gaps and communicated the challenges faced by the clients and Worked on figuring out the solution for them with the team members.
- Worked upon Identifying Regression Test Cases, Preparation, Maintaining, Execution, and debugging of Automation test scripts using Selenium, TestNG, Maven, and GitLab.
- After the successful creation of test scripts.
- Once the scripts are ready these are executed for every release hence reducing the requirement of manual execution of test cases.

28/11/2016 – 01/04/2017 – Bengaluru, India

SOFTWARE TESTER – HEWLETT PACKARD ENTERPRISE

Main responsibilities

- analysis of requirements, preparing a query list based on those requirements;
- writing and executing test cases to detect usability and performance issues;
- conducting exploratory testing – simultaneous test design and execution;
- verification of multi-device and cross-platform consistency (software works on different devices and browsers);
- creating detailed reports and listing improvements;
- participation in test planning meetings and providing feedback to the testing team.

Skills

- Knowledge and understanding of the development process and software life cycle.
- Knowledge of testing methodologies.
- Proficiency in manual web/mobile/API/requirements testing.
- Familiarity with writing test documentation, requirements review, creating bug reports.
- Understanding certain marking/scripting/programming languages, required for the project (e.g. JSON, HTML/CSS).
- Ability to describe bugs clearly and accurately.

Tools

- Test management tools: Xcode, Android Studio, Charles, Dev Console, Fiddler, etc.
- Project management tools: Jira, Confluence, Jenkins, Git, etc.
- Communication tools: Slack, Skype, Zoom, etc.

● EDUCATION AND TRAINING

16/09/2020 – CURRENT – Via Zamboni, 33, 40126 Bologna BO Alma Mater Studiorum - Università di Bologna, Bologna, Italy

MASTERS IN ARTIFICIAL INTELLIGENCE – University of Bologna

Field(s) of study

- Artificial Intelligence

96/110

10/05/2013 – 10/05/2016 – Jawaharlal Nehru Technological University, Kakinada, Andhra Pradesh 533003, India, Kakinada, India

BACHELORS OF TECHNOLOGY – Jawaharlal Nehru Technological University Kakinada

80%

01/03/2011 – 01/03/2012

HIGHER SECONDARY SCHOOL EXAMINATION – Kendriya Vidyalaya No 2 Nausena Baugh Visakhapatnam

71%

01/03/2009 – 01/03/2010

THE SECONDARY SCHOOL CERTIFICATE – Kendriya Vidyalaya INS Valsura Gujrat

9/10 CGPA

● DIGITAL SKILLS

Programming Languages

python | JAVA | UNIX | SQL | MiniZinc | C/C++ | HTML / CSS | scala programming | Programming - Prolog

Artificial Intelligence & Machine Learning

Data Analytics | Data Science, Data Analytics, Data Visualization | Computer Vision | Python libraries (NumPy, Pandas, Keras, SciKit-Learn, TensorFlow, Matplotlib, Seaborn) | Machine Learning | Deep Learning | Apache Spark | Big Data Analysis | Data Analysis Data Validation Data Cleansing

VERSION CONTROL TOOL

GIT | SVN

TEST MANAGEMENT TOOLS

HP ALM | JIRA | Rally

Automation Testing

Selenium Webdriver | Eclipse | TOSCA | TestNG | BDD | Mobile Testing(Android/ios) | Rest API | Android studio | Maven | JSON | Jenkins | Postman

DataBase Tools

PosgreSQL | SQL yog | SQLDeveloper | MongoDB

Manual Testing

SDLC | STLC | waterfall | agile | Test Planning & Test Cases | QA defects | Sanity Testing | SCRUM / Agile | Analyzing requirements | Functional Testing | SOAP | Identifying Scenarios | Adhoc Testing | Defect Lifecycle | User acceptance testing | Regression Testing | Smoke Testing | UI & Compatibility Testing | Test plan creation and implementation | XML

General Computer Applications

Microsoft Office | Microsoft Excel | Microsoft PowerPoint Presentation

Cloud Platform

AWS Web Services

Deployment

FLask

● LANGUAGE SKILLS

Mother tongue(s): **HINDI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B1	B2	B1
GERMAN	A1	A1	A1	A1	A1
ITALIAN	A1	A1	A1	A1	A1
HINDI	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● EXTRA CURRICULUM ACTIVITIES

Achievements

- Awarded for Outstanding Performance service to DXC Telstra Account
- Awarded certification of Appreciation for demonstrating high-level technical expertise and taking project Initiatives
- Awarded Best sportswomen for multiple winning prizes in the GlobalLogic Annual Sports Meet
- Gold Medal in National Level Meet in Kho- Kho 37th Kendriya Vidyalaya Sangathan Sports Meet
- Awarded for Student Representative in the college
- A representative for the Newsletter Head at DXC technology

● HOBBIES AND INTERESTS

Travelling

Food

Reading

Sports
