

# RAJESH KUMAR JAT

## Post Graduate Student

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rajesh-k-jat

## EXPERIENCE

### Artificial Intelligence Intern

#### Object Automation System Solutions Pvt. Ltd.

Sep 2022 – Jan 2023

Chennai, Tamil Nadu

- Developed an user friendly movie recommendation system using flask.
- Managed Learning Management System (MOODLE) for the Organization – Administrator.
- Managed and maintained Linux based virtual private server.

## PROJECTS

### Text Sophistication Analyzer

#### Python, RegEx

- This project, aimed at building a text sophistication analyzer, was initially intended as a plagiarism checker web application. The project involved implementing functions to clean text files, calculate average word length, compute distinct word ratios, analyze word sets, and determine similarity between texts.

### Stock Price Prediction

#### Python, TensorFlow, NumPy, Matplotlib, Scikit-learn

- It was focused on applying LSTM to analyze and forecast trends in the Tata Beverages dataset. The project aimed to gain insights into the company's beverage sales patterns and make accurate predictions for future sales.

### House Price Prediction

#### Python, NumPy, Pandas, Scikit-learn, Matplotlib

- Implemented a Linear Regression by utilizing the Scikit-learn library to predict housing prices on the USA Housing dataset. The project aimed to develop an accurate model that could provide insights into the factors influencing housing prices and make reliable price predictions.

## CERTIFICATIONS

- CAD201EN: Developing Cloud Native Applications by IBM (11/2022)
- ENES608.3: Designing the User Experience by Uni System of Maryland (07/2021)
- Software Engineering Virtual Experience -JPMorgan Chase Co. (05/2021)
- Applied Data Science with Python Specialization by University of Michigan (08/2020)
- AWS Fundamentals - Coursera (07/2020) Going Cloud-Native, Addressing Security Risk, Migrating to the Cloud, Building Serverless Applications
- Data Analysis with Python - IBM (04/2020)
- MTA: Security Fundamentals - Certified 2019 by Microsoft (10/2019)

## SKILLS

Qiskit R Studio Power BI

Data Analysis & Visualization

Hadoop Flask Machine Learning

Deep Learning TensorFlow NLTK

Scikit-learn Matplotlib Pandas NumPy

SQL C# Python

## LANGUAGES

Hindi ● ● ● ● ●

English ● ● ● ● ●

German ● ● ● ● ●

## EDUCATION

### Master of Technology

#### Indian Institute of Information Technology, Kota | MNIT Campus, Jaipur

Dec 2021 – Jul 2023

Specialization : Artificial Intelligence & Data Science

### Bachelor of Technology

#### Vivekananda Institute of Technology, Jaipur

Jul 2017 – Jun 2021

Major: Computer Science Engineering

## REFERENCES

### Dr. Pili Emmanuel Shubhakar

@ MNIT, Jaipur

espilli.cse@mnit.ac.in

Associate Professor, Department of CSE

### Dr. Basant Agarwal

@ Central University of Rajasthan

basant@curaj.ac.in

Associate Professor, Department of CSE