# Pushpendra Singh

Bachelor of Technology

Manipal University, Jaipur, Rajasthan.

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in LinkedIn

## EDUCATION

•**Manipal University, Jaipur, Rajasthan** — *2020-2024*
*Bachelor of Technology: Information Technology* — CGPA: 8.39

•**City Montessori School, RDSO Campus** — *2018-2019*
*Grade 12th* — Percentage: 94.75

•**City Montessori School, RDSO Campus** — *2016-2017*
*Grade 10th* — Percentage: 91.3

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C/C++, Java, JavaScript, Python, SQL

**Technologies:** Data Science, Machine Learning, Deep Learning, Neural Networks, Natural Language Processing, TensorFlow, HTML, CSS, MySQL, WordPress, Git/Github, Linux

**Soft Skills:** Communication, Team Work, Leadership, Problem Solving, Resilience, Adaptability

**Coursework:** Object Oriented Programming, Data Structures & Algorithms, Operating Systems, Computer Networks, Database Management System, Data Science

## PERSONAL PROJECTS

• **Twitter Sentiment Analysis**

*Deep Learning, Natural Language Processing, Tensorflow*

– Utilized deep learning techniques such as Convolutional Neural Networks (CNN) and Long Short-Term Memory (LSTM) to analyze sentiments in a Twitter dataset processed by ChatGPT.
– Leveraged NLP techniques like Global Vectors for Word Representation (GloVe) and Word2Vec embeddings to train a prediction model capable of categorizing tweets as positive or negative.
– Resulting model demonstrated the ability to accurately classify tweets by sentiment, enabling effective sentiment analysis and providing valuable insights into the sentiment trends in the Twitter dataset.

• **Online Book Store**

*E-Commerce, Payment Gateway, Context API*

– Developed a Bookstore WebApp using the MERN stack, which includes MongoDB Atlas as the database, ReactJS for the front end, and Firebase for user authentication and storage.
– Integrated StripeJS as the payment gateway to enable secure and convenient online transactions in the Web App.
– Leveraged the power of MongoDB Atlas for efficient data storage and retrieval. Thus providing a robust and comprehensive solution for a fully functional Bookstore Web App.

• **Movie-DB Site**

*JavaScript, NodeJS, ExpressJS, TMDI API*

– Developed a responsive website using HTML, CSS, and JavaScript, providing comprehensive information about popular movies and TV series.
– Integrated the TMDb API (The Movie Database API) to retrieve Movie and TV show data, ensuring the website stays updated with the latest information.

## ACHIEVEMENTS

•Solved 250+ questions on various coding platforms. **LeetCode**

•Served as the **House Captain** in the Student Council, City Montessori School (2017 - 2018)

## CERTIFICATIONS

•**Udemy:** 100 Days of Code: The Complete Python Pro Bootcamp for 2023

•**RedHat:** System Administration I **(RH124)**, System Administration II **(RH134)**

•**Oracle:** Oracle Academy Databases Foundation