

Prateek Jain

M.Tech (Computer Science – Data Analytics)

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Education

- ✓ Pursuing **Masters of Technology** in Computer Science with specialization in **Data Analytics** from Jaypee Institute of Information Technology, Noida (2019-2021) with 8.3 CGPA
- ✓ **B.Tech (Computer Science & Engineering)** from Inderprastha Engineering College, Sahibabad Uttar Pradesh, 2018 with 73.4 percentage.
- ✓ CBSE Class 12, Vivekananda School Delhi, 2014 with 81.2 percentage.
- ✓ CBSE Class 10, Delhi, 2012 with 9 CGPA.

Trainings and certifications

- ✓ Six weeks Java development training.
- ✓ Six weeks Python development training.
- ✓ Six weeks Dot net certification from Microsoft Training Associate.
- ✓ Six months industrial training in Big Data Hadoop Technologies.
- ✓ Google cloud specialization

Academic Projects

- ✓ **Project Title:** Aadhar analysis using Hadoop and its tools.
Project Description: Used pig as analysis tool and stores data using hive to analyses no of cards accepted or rejected by state.
- ✓ **Project Title:** Movie recommendation using Spark and MLlib
Project Description: performed movie recommendation of large dataset using collaborative filtering and mllib library on a Hadoop multimode cluster.
- ✓ **Project Title:** IOT Home using raspberry pie 3.
Project Description: Worked on building a personal cloud server and home automation using raspberry pie.
- ✓ **Project Title:** Weapon Detection and alert system using Deep Learning
Project Description: currently working on weapon detection project to ensure security of people by analyzing weapon and other dangerous objects from CCTV live video recordings.
- ✓ **Project Title:** Twitter Brand Promotion and Analysis
Project Description: Wrote an algorithm in Python to analyze tweets of different users for different coffee brands and proposed strategy for increasing sales of one coffee brand.
- ✓ **Project Title:** Covid-19 cases prediction using deep learning
Project Description: Used deep learning and neural network approach from future prediction and visualization of cases and deaths in future 10 days
- ✓ **Project Title:** Crop Burning analysis using Cassandra and Machine Learning
Project Description: In this project the yearly data is calculated on different types of particles emitted from burning of crops residue and the analysis is done to check which year has highest rate

and future emission was predicted.

- ✓ **Research Work: SYSTEMATIC LITERATURE REVIEW – DevOps**
Performed Systematic Literature Review on DevOps and understand the importance of conducting and steps involved in performing the same.

IT Skills

- ✓ **Technical Languages** : C/C++, Python, R, Java, Oracle SQL, PL/SQL, NoSql.
- ✓ **Software Tools** : Anaconda, Big Data Hadoop Frameworks, Tableau, Eclipse, Rstudio
- ✓ **Area of Interest** : Machine Learning, Data Science, Data Analysis and Visualization, IOT.

Roles and Responsibilities

- ✓ **Teaching Assistant at Jaypee Institute of information technology**
Worked as a teaching assistant for the college, major responsibilities were to help students with doubts and concepts, evaluation of assignments and test and to create assignments and tests.
- ✓ **Technical Head – E-yantra Club**
Provided responsibility to manage the technical department of robotics and IOT based club and also conducted various workshops on working with sensors and microcontroller.