Ishan Jain

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linkedin.com/ishan-jain | Availability: Summer 2022

EDUCATION

New Jersey Institute of Technology | Data Science (Computational Track)   Sept. 2021 – Dec. 2022(exp)
Candidate for a Master's in Data science Computational Track
>   **Coursework:** Data Analytics with R language, Data Management System design, Applied Statistics, Deep Learning, Introduction to Big Data, Machine Learning

BML Munjal University | Computer Science and Engineering   Aug. 2016 – Sept. 2020
Candidate for a Bachelor of Science in Computer Science and Engineering
>   **Coursework:** Calculus and Differential Equations, Linear Algebra and Complex Analysis, Data Structure and Algorithms, Design and Analysis of Algorithms, Database Systems, Python programming, Computer Networks, Distributed Systems, Fog Computing
>   **Activities:** Student Council Member, Treasurer, Savera Club (NGO), Core Fest Member, Sponsorship Team Head (Headed 15 Students)

CERTIFICATION

AWS Certified Solutions Architect Associate SAA-C02 | Certification Link: **Solution Architect Associate Certification Link**
IBM Data Science Professional Certificate | Certification Link: Professional Certificate
>   **Coursework:** Introduction to Data Science, Tools for Data Science, Data Science Methodology, Python for Data Science, AI & Development, Data Analysis with Python, Data Visualization with Python, Machine Learning with Python, Applied Data Science Capstone.

TECHNICAL SKILLS

• Machine Learning	• Python/Scikit-learn	• Data Visualization	• Quantitative Analysis
• Cloud Computing	• Data Warehouse/ETL	• SQL	• Database management
• Clustering	• Data Wrangling and preparation	• Mathematics/Statistics	• Classification
• Predictive modeling	• Financial Analysis	• Microsoft Excel	• R

WORK & LEADERSHIP EXPERIENCE

Amdocs   Pune, India
Software Engineer - Associate   June 2020 – August 2021
- Worked as a System Integrator for a tool based on technologies like Virtualized Network Function (VNF), Software Defined Networking, ONAP (Open Network Automation Platform) to support 5G Slicing and Mobile Network.
- Automated various workflows using Robot Framework, Amdocs automation tool ginger, Python libraries like selenium, requests.

Amdocs   Gurugram, India
Software Engineer - Intern   January 2020 – June 2020
- Retrieved data from PostgreSQL and Sybase using automated python scripts from Telecom Billing System.
- Developed a generic tool that can be used for different Telecom Billing System upgrades to ensure the correctness of the new system's invoices during the transition to a new billing system, scripted in Python 3.8.2.

PROJECTS

Best Classifier   May 2020 – June 2020
- Loaded a historical dataset in IBM Cloud (Watson studio) of loan applications, pre-processed and cleaned the data.
- Applied different classification algorithms on the data to find whether a loan case will be paid off or not. Classification Algorithms used: k-Nearest Neighbor (KNN), Decision Tree, Support Vector Machine (SVM), Logistic Regression.
- Evaluated using Jaccard index, F1-score, Log Loss metrics for performance.

Interactive Dashboard in Tableau for Sales Insights   Dec 2021
- Implemented data pre-processing, cleaning, and feature engineering in tableau to implement OLAP Datawarehouse Star Schema.
- Built Dashboard for Revenue analysis and Profit analysis inclusive of top customers and top products as per region and year.

Pre-Owned Car Price Prediction Model   Jan 2022
- Used statistical analysis, feature engineering, one hot encoding for data preparation and used RandomizedSearchcv for hyperparameter optimization.
- Built a Machine learning model using Random Forest Algorithm to predict the prices of used cars and best time to sell the car.