VIPUL H HARIHAR

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EDUCATION

Columbia University   New York, NY
Master of Science in Data Science   Expected Dec 2022
Engineering Graduate Student Council Data Science Department Representative

DIT University   Dehradun, India
Bachelor of Technology in Computer Science and Engineering   Aug 2016 - May 2020
(With specialization in Big Data Analytics), GPA: 9.62/10.0 (Top 2%)
Awards: Recipient of University Bronze Medal Award and Computer Science Program Gold Medal Award with scholarships

EXPERIENCE

IBM   Bengaluru, India
Application Developer   Feb 2021 - Aug 2021
- Managed more than thousands of client's customer invoice global data and enhanced the pre-accounting module by handling its database and creating procedures to regulate data redundancy and alterations as per requested by other teams
- Solved and coded the data bucketing issue solution construct in two hours and optimized the accessibility and flow of data in the concurrent module

Associate Systems Engineer   Jan 2021 - Feb 2021
- Performed about forty five bug fixes with weekly collecting and understanding business requirements for an internal IBM project to automate the report generations and completed training on new technology- Cloud Computing & Data Science
- Got appreciation from Talent Acquisition Team within the first month and was assigned data handling software solution project related to world's largest furniture company as an Application Developer

LANGUAGE AND IT SKILLS

- Programming: Java, Python, R, SQL
- Interests: NumPy, Pandas, Scikit-Learn, NLTK, Machine Learning, Modelling and Deployment
- Databases:MySQL, MongoDB, Oracle DB

INTERNSHIP EXPERIENCE

Indian Road Safety Campaign: Solve, MRTH-Government of India   Dehradun, India
Policy Intern   Jul 2020 - Dec 2020
- Built software application platform in two months to connect public and spread awareness and safety instructions to the local people using descriptive analysis to mark dangerous accident prone or poor roads condition area
- Supervised a team of six (6) members and being the only city tech team, Gramya Vikas Society (NGO-Uttarakhand, India) appreciated the idea and adopted the project to resolve locality problems

IBM   Dehradun, India
Java Full Stack Development Engineer Trainee   Feb 2020 - Jul 2020
- Devised food delivery application named Omni Food aimed at serving food during Covid-19 global pandemic outbreak situation
- Led a team of six to devise the all-in-one dashboard for service provider to enable or disable restaurants and incorporated data science machine learning model in it to predict popularity of restaurants based on numerous observations

ONGC, Ministry of Petroleum and Natural Gas, Government of India   Dehradun, India
Summer Scholar- Big Data Engineer Intern   May 2019 - Jun 2019
- Extracted data from websites of top fifty news media and leveraged mapper-reducer techniques to filter up trending specific keywords to analyze the company's social presence and understand the company's product reviews and feedback
- Pre-processed humongous data on Hadoop and utilized data auditing methods prior to data cleansing and data sets preparation
- Guided by senior data base administrators for two months taught the skills to solve issues regarding big data in huge data warehouses

ONGC, Ministry of Petroleum and Natural Gas, Government of India   Dehradun, India
Summer Scholar- Data Analyst Intern   May 2018 - Jun 2018
- Built software application within two weeks to analyze oil wells data in particular regions and show the insights on automated report
- Orchestrated a team of four and applied descriptive analysis to precisely illustrate the oil wells depths, capacity, profits and investments