VIPUL H HARIHAR

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EDUCATION

Columbia University in the city of New York -Fu Foundation School of Engineering and Applied Sciences   New York, NY
M.S. in Data Science   Expected Dec 2022
- Relevant Course work: Algorithmic Analysis, Exploratory Visualizations, Statistics and Inference Modelling, Personalization & Recommendation, Machine Learning, Data Analytics and Pipeline, Applied Deep Learning
- Department Representative in the Engineering Graduate Student Council of Columbia University

DIT University- School of Computing   Dehradun, India
Bachelor of Technology in Computer Science and Engineering   May 2020
- (With specialization in Big Data Analytics), GPA: 9.62/10.0 (Top 1%)
- Relevant course work: Linear Algebra, Theory of Computation, Artificial Intelligence, Advanced Relational Database Systems, Data Warehousing and Mining, Intelligent Systems, Database Administration
- Awards: Recipient of University Bronze Medal Award and Computer Science Program Gold Medal Award with scholarships

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PROFESSIONAL EXPERIENCE

IBM   Bengaluru, India
Position: Application Developer   Jan 2021 - Aug 2021
- Leveraged and led a team of three to utilize expertise in translating IT requirements into great design, as well as development and solution of software bugs and components, coding, unit testing in specific time limits
- Managed more than thousands of client's customer invoice global data and enhanced the pre-accounting module by managing 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 modules

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SKILLS AND INTERESTS
- **Programming:** Java, Python, R, SQL
- **Interests:** NumPy, Pandas, Scikit-Learn, NLP, Time Series, Exploratory Data Analytics, Machine Learning, Artificial Intelligence, Deep Learning, Big Data Analytics and Predictive Analytics
- **Databases**: MySQL, MongoDB, Oracle DB
- **Cloud Technologies:** Microsoft Azure Cloud Fundamentals
- **IBM Professional Earned Badges:** https://www.credly.com/users/vipul-harihar/badges

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INTERNSHIPS AND PROJECTS

Indian Road Safety Campaign: Solve, MRTH-Government of India   Dehradun, India
Position: 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 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
Position: Java Full Stack Development Engineer Trainee   Feb 2020 - Jul 2020
- Devised food delivery software application named Omni Food aimed at serving food to all people and stray animals could or could not afford 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, food chains and incorporated machine learning based regression model to predict sales of order based on previous orders and perform analytics
- Created the REST-APIs to integrate the software application and dashboard to integrate with the MySQL database

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.

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