Isha Ghatule

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EDUCATION

Virginia Polytechnic Institute and State University, Blacksburg, Virginia

M.S in Business Administration and Analytics - Magna Cum Laude   *Expected May 2025*
B.S in Business Information Technology Cybersecurity Management and Analytics - Magna Cum Laude

Mukesh Patel School of Technology Management and Engineering**,** Mumbai, India
Bachelors of Technology in Computer Science (Data Science)

SKILLS

Python, SQL, SAS, Tableau, Power BI, Advanced MS Excel, SAS JMP, Machine Learning Algorithms, Accounting, Supply Chain Management, Logistic Management

PROFESSIONAL EXPERIENCE

Junior Data Scientist (Remote) | Internship at Zummit Infolabs | Bangalore, India   *March 2022 - July 2022*
- Collaborated with sales leadership to analyze market data and architect interactive dashboards using PowerBI, Advanced Excel and Python
- Presented analytical insights to C-suite executives resulting in data-driven decision making
- Executed Random Forest Algorithm for machine learning models in a Team of 10
- Collaborated with a team for an application helping visually impaired citizens recognize currency notes through image detection techniques.

Junior Data Analyst | Internship at RedX labs | Mumbai, India   *May 2022 - July 2022*
- Architected machine learning models for a Natural Language Processing software project focused on recording and summarizing business meetings.
- Performed Wav2Vec models to enable audio-to-text conversion and completed first module of project.

PROJECTS

Covid- 19 Database analysis | *August 2021*
- Generated a comprehensive analysis report and interactive dashboard using Tableau to visualize Covid-19 data with location-based filtering capabilities.
- Implemented linear regression techniques to build a predictive model.

Movie data Analysis and visualization | *November 2022*
- Developed a movie analysis system by performing data cleaning and wrangling using PANDAS, NumPy, and seaborn, then created a PowerBI dashboard to visualize parameters essential for a movie recommendation system.

Analysis and prediction of cyber-attacks in USA | *November 2023*
- Through data analysis, Identified key parameters and patterns correlated with corporate cyber-attacks, revealing a company's social standing and financial variables emerged to be most significant predictive factors.

LEADERSHIP AND EXTRACURRICULAR

- Financial Chair Virginia Tech DC- Graduate Student Assembly   *2024*
- Founded AlgoRythm – Data Science Club catering to DC area students at Virginia Tech   *2024*
- Student Representative, NMIMS University   *August 2020 - March 2022*
- Vice President of Relations, Analytika Data Science Club (Managed a team of 30 executives)   *2022 - 2023*
- Rotaract Club of Bombay Airport, Director of international service and professional development   *2022*
- Volunteered at organizing committee for Social Conclave Global conference, organizing committee (Partnered with United Nations)   *2022-2023*

CERTIFICATIONS

- Base SAS and Visual Analytics
- Excel for Data Analysis, Linkedin Learning
- Google Analytics