SHRIYANSH SINGH

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EDUCATION

Indiana University - Bloomington   **August 2023 - May 2025**
Master's, Data Science
- Big Data Applications, Applied Machine Learning, Data Mining, Statistics, High Performance Graph Analytics, Cloud Computing

University of Mumbai   **July 2019 - May 2023**
Bachelor's, Electronics Engineering

SKILLS

Skills: AWS, Data Analysis, Data Science, Jupyter, Git, HTML/CSS, Keras, R, MongoDB, Pytorch, Tableau, Theano, Python, C/C++, Java, Julia, Adobe After Effects, Adobe Creative Suite, JavaScript, Golang, Microsoft Power Bi, AWS

CERTIFICATIONS

• Data Science Professional Certificate by IBM (2021) | Data Science Specialization by Johns Hopkins (2021) | Data Analytics Specialization by Google (2022) | Deep Learning Specialization (2021), Natural Language Processing specialization (2022), & Generative Adversarial Networks specialization by Deeplearning.ai (2022).
• DataCamp.org – Basic Statistics (2022), Data Visualization for everyone (2022), Intro to Data Science (2022), Data Science for everyone (2022), Intro to Python (2022), Intermediate Python (2022), ML for everyone (2022), Introduction to Julia (2022).

PROFESSIONAL EXPERIENCE

Enterprise Business Technology Pvt Ltd   **Mumbai, Maharashtra, India**
Junior Business Analyst Intern   *March 2022 - October 2022*
- Assisted in modifying business models to analyze market and competitor behavior, resulting in an 18% increase in forecasting accuracy.
- Utilized Microsoft Projects to create schedules and manage resources, contributing to efficient project delivery.
- Worked with client requirements to specify business plans and goals, ensuring alignment with organizational objectives.
- Prepared a document cataloging the product lifecycle, enhancing organizational knowledge management.

PROJECTS & OUTSIDE EXPERIENCE

DocTech
- Spearheaded the end-to-end development of a robust platform for healthcare practitioners, optimizing prescription management and increasing efficiency by 40%, resulting in improved patient care and reduced administrative burdens.
- I created a model for diagnosis categorization, medicine recognition, and recommendation using named entity recognition and keyword extraction.
- Designed and maintained a database that contained 250,000 medicines along with important information such as price, producer, type of medicine, and composition.
- Co-authored a technical paper under review at Taylor & Francis for publication.

Regression Techniques for Weather Forecasting
- Evaluated and compared the performance of various algorithms, including linear regression, support vector machine, Kalman filter regression, and multiple linear regression, to enhance weather prediction accuracy by 15% and optimize resource allocation for weather-related operations.
- Obtained, cleaned, and analyzed the data, conducting feature extraction and collaborating in the data visualization to gain insights.
- Secured 1st place for the research paper at the IOT SIAC conference, 2021, of Thakur College of Engineering & Technology.

EXTRACURRICULAR ACTIVITIES

• Received full scholarship to attend Introduction to Quantum Computing course organized by The Coding School and sponsored by IBM Quantum (Sept 2022 – till date).
• Selected as a member of the digital creative team (2020-2021) for the college chapter of the Institution of Electronics and Telecommunication Engineers, acted as the head of the technical team (2021-2022), organized and planned various technical events for the committee and information sessions on job opportunities, higher studies.
• Appointed as the leader of the Extension Working Team of the college (2020-2021) and managed 180 volunteers.