AAKASH DHRUVA

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EDUCATION

The University of Texas at Austin — May 2024
Master of Science, Business Analytics
Coursework includes: Advanced Machine Learning, Data Science Programming, Optimization, Unsupervised Learning, Analytics for Unstructured Data, Text Analytics

Mumbai University — August 2020
Bachelor of Science, Chemical Engineering

TECHNICAL SKILLS

- Technologies : Python (PANDAS, PyTorch, TensorFlow, Keras, Scikit-learn), R, C++, MS Office, SQL
- Software & Tools : Jupyter Notebook, RStudio, MySQL, COCO simulator, Scilab, AutoCAD

EXPERIENCE

Hart Intercivic – *Quality Assurance Tester,* Austin, Texas — March 2023 - July 2023
- Developed and executed 200+ comprehensive test cases and procedures for a critical election software project, ensuring robust functionality, optimal performance, and top-notch security measures were in place
- Utilised the Quality Center to trace and log 300+ bugs, streamlining efficient communication and fostering a collaborative environment for swift resolution with the development team

J.B. Khokhani & Co – *Supply Chain Analyst,* Mumbai, India — January 2022 - September 2022
- Refined manufacturing processes by applying continuous improvement and lean manufacturing principles and boosted overall productivity by 15%
- Provided elaborate data-driven reports to the production team, enabling them to align production schedules with market demands, reducing inventory holding costs by 20%

Syschem India – *Business Analyst,* Chandigarh, India — January 2021 - December 2021
- Examined and reported production data, resulting in a 10% reduction in production waste and bolstering a significant 5% increase in overall production efficiency
- Conducted root cause analysis of production delays, identifying and implementing process improvements to raise production output by 2 tons/day

Mepro Pharmaceuticals – *Intern,* Gujarat, India — June 2020 - December 2020
- Performed in-depth studies of process variables, parameters, and flow, ensuring adherence to standard norms and facilitating continuous process improvement
- Analyzed process optimisation by conducting a comprehensive analysis of Nevirapine (an Anti-AIDS drug) manufacturing procedures

ACADEMIC PROJECTS

Data Science Salary Prediction — July 2023 - August 2023
- Developed and implemented a machine learning model to predict salaries for top-tier data science positions by employing multiple ML algorithms, including Ridge Regression, Random Forest, kNN, and XGBoost

Predictive Analysis of Cardiovascular Disease Risk Using Machine Learning — July 2023 - August 2023
- Developed a classification model to predict the risk of CVD utilizing a dataset sourced from BRFSS

ADDITIONAL INFORMATION

Volunteer Work: Graphic Design Lead at Shrimad Rajchandra Love and Care and Raj Uphaar
Work Eligibility: Eligible to work in the United States with no restrictions