

MAHIMA MITRA

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I am a passionate individual with a love for travel, and art, and a curious spirit that constantly seeks knowledge. I delved into various hobbies, including dancing tango, playing the piano, painting, baking, and reading books. Each of which has taught me valuable lessons in creativity and perseverance. Recognizing the importance of data, I have transitioned to data analytics to master design thinking and problem-solving. My diverse experience working on various projects has honed my communication and interpersonal skills.

I am keenly interested in building solutions for analytics-based projects, digitalization of various platforms, strategy development and analysis related to the field.

EXPERIENCE

NOV'23 – JAN'24

ASSISTANT MANAGER, BIOCON LTD.

- Leading a project to manage a Kubernetes and Python-based tool, automating manufacturing SAT workflows, projected to reduce dependencies on CFTs and aid manual analytics processes by 50%.

JAN'22 – OCT'23

DATA ANALYST, DR. REDDY'S LABORATORIES LTD.

- Led the development of a Mendix and Python-based statistical model equivalency tool, reducing TAT for data collection by 50%.
- Created a Tableau-based dashboard to rank clones and fast-track data-driven decisions and experimental planning, reducing time by 33%.
- Collaborated on a forecasting model for batch progression and batch monitoring.
- Engineered an intelligent DoE Selection platform, reducing the number of experiments by 10% for experimental studies.
- Built a comprehensive SQL-based data lake for streamlined data extraction
- Collaborated with to perform cohort analysis to perform data analysis for product development processes in RnD process development.

SEPT'20 – DEC'21

RESEARCH ASSOCIATE, DR. REDDY'S LABORATORIES LTD.

- Contributed to R&D in Upstream Process Development, focusing on top clone selection, process optimization, and scale-up.
- Contributed to management of data and quality test procedures, operation, handling and troubleshooting of RnD operations

EDUCATION

MAY 2020

B.TECH BIOTECHNOLOGY, VELLORE INSTITUTE OF TECHNOLOGY, VELLORE

- Graduated with a CGPA of 8.30.
- Conducted a detailed study on the impact of Cysteine on the quality and productivity of fusion protein
- Published a book chapter review in Springer-Nature publication

PERSONAL PROJECTS AND VOLUNTEER WORK

- Developed an activity management tool using SharePoint to track and monitor activities, providing valuable insights through visual representation of trends.
- Organized and managed the attendee list for Hyderabad tango milonga events, ensuring a seamless and enjoyable experience for all.
- I happily took on the responsibility of organizing and overseeing the list of attendees for the Hyderabad tango milonga events. My goal was to ensure that everyone had a seamless and enjoyable experience.

PROFESSIONAL DEVELOPMENTS

- Collaborated with vendors and developers to seamlessly transfer business requirements.
- Followed agile methodologies and scrum methods to stay on track in the project development timelines.
- Trained and mentored an intern in information extraction from research publications.
- Coordinated with team members to build applications
- Developed POCs using statistical modelling techniques by leveraging Python and JMP
- Designed and implemented solutions to identified problems.

SKILLS AND CERTIFICATION

- Completed the DigiPivot'23 Digital Marketing Certification, gaining knowledge in search engine optimization during my project work.
- Certified in Applied Data Science from IBM and Digital Ninja, with proficiency in Python and statistical modeling.

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| ● Python, SQL | ● Proficient in MS Excel, MS PowerPoint and MS Word |
| ● Tableau dashboarding | ● Communication and collaborative skills |
| ● Project Management | ● Research and Analytical skills |
| ● Tool design and development | ● Problem solving and troubleshooting |
| ● Technical documentation | ● Organizational and leadership skills |
| ● Agile methodology, JIRA | ● Innovative and creative skills |
| ● QA application testing | ● Coaching and mentoring skills |
| ● Process development and optimization | |
| ● Risk assessment and GDP compliance | |

FUTURE ASPIRATION

Drawing from my background in biotechnology and data analysis, I have evolved into a proficient business translator and data analyst. Now, I aspire to apply these skills to the marketing domain, utilizing data-driven insights to make informed decisions and develop innovative marketing solutions in the industry. I see myself travelling to various places, seeking inspiration to create compelling stories and market ideas that resonate with the audience.