

RAVITEJA PADALA

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PROFILE

Seasoned Quality Assurance expert with over 10 years of experience in pharmaceuticals and biologicals, adept at utilizing data analysis and Six Sigma methodologies to drive process optimization and deliver high-quality outcomes. Excels in leveraging data-driven insights to make informed decisions and implement effective solutions.

SKILLS

- Six sigma • Data Analysis • Data Visualization • Python • Machine Learning • Power BI • MySQL
- Microsoft Azure • Exploratory Data Analysis • Root cause analysis • Project Management • Git

PROFESSIONAL EXPERIENCE

iNeuron AI

October 2022 - Present

Data Science Intern

- Learned Python, SQL, Machine Learning, Data Visualization.
- Utilized exploratory data analysis techniques to identify patterns, relationships, and trends.
- Utilized algorithmic and programming tools to build predictive models.
- Created reports and performed statistical analysis.
- Worked on end-to-end Data Science projects using CI/CD pipeline and GitHub Actions.”Deployed projects to the cloud.

Gland Pharma Limited, Hyderabad.

March 2016 - August 2022

Assistant Manager, Quality Assurance

- Analyzed process parameters, quality, and yield data for continuous improvement of process.
- Performed Impact Risk Assessment and ensured compliance with cGMP and cGXP.
- Conducted GAP analysis, bench-marked processes, and defined SOP’s.
- Performed Investigation and root cause analysis of deviations and implemented effective corrective action and preventive actions.
- Prepared protocols and executed process validation batches, imparting product-specific training for execution of submissions and process validation.
- Actively participated in downtime reduction projects and enhanced process troubleshooting capabilities during execution of batches.

Indian Immunologicals Limited, Hyderabad.

October 2011 - February 2016

Executive, Vaccines Formulations

- Led batch formulation of more than 500 batches and ensured timely and successful completion.
- Utilized data-driven methodologies like Six Sigma to improve manufacturing processes and outcomes.

- Implemented 5S projects for better work area organization and increased productivity,
- Utilized Kanban technique to improve work efficiency by communication in better way with cross functional teams.
- Prepared SOP's, batch manufacturing records and validation protocols for new products.
- Increased efficiency in blending activities through 30% cycle time reduction using a quantitative approach.

PROJECTS

Medical Expense Prediction

[Link to Repository](#)

Developed an end-to-end Machine Learning pipeline predicting individual medical expenses using Python, Flask, Data Analysis, Data Visualization, and Machine learning.

FDA Inspections Analysis

[Link to Repository](#)

Analyzed FDA inspections and observations data using Excel and Power BI, contributing to compliance efforts in the pharmaceutical industry.

EDUCATION

2009 - 2011 Master's Degree in Microbiology at University, Visakhapatnam , aquired 7.52 CGPA

2006 - 2009 Bachelor's Degree in Microbiology at Govt. Degree college, Srikakulam, aquired 72 % marks

2004 - 2006 Class 12th, Intermediate Board, aquired 87 % marks

2004 - Class 10th , State Board 79 % marks

CERTIFICATIONS

- *Lean Management, Minitab and Six Sigma Black Belt certification from Simplilearn.*
- *Harvard Business Publishing Case Studies for Lean Six Sigma certification from Simplilearn.*
- *Introduction to Data Science certification from Cisco.*

LANGUAGES

- *Telugu, Hindi, English*

INTERESTS

- *Cricket, Chess*

ADDITIONAL INFORMATION

Participated in 4 youth festivals during graduation and secured state second prize representing my district in one act play at state youth festivals.