

# Monika S.

DATA SCIENTIST

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## PERSONAL SUMMARY

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Data Scientist with 4+ years of experience, currently working with Radiance Technologies as a Data Scientist. A meticulous and organized individual seeking a Mid-level position as a Data Scientist. Skilled at Building Machine Learning Algorithms, Data Mining, Big Query, DataProc.

## SKILLS

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|--------------------|-----------|------------------------|-------------------|
| • Python           | • PyTorch | • Data mining          | • Problem Solving |
| • R Language       | • GCP     | • Time Series Analysis | • Tableau         |
| • Machine Learning | • CNN/VNN | • MySQL/NoSQL          | • RESTful API     |

## PROFESSIONAL EXPERIENCE

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### RADIANCE TECHNOLOGIES | Remote, USA

June 2022 – Present

#### Data Scientist

- Visualized the workload of team members based on the sales order and email data with 40:60 ratio respectively
- Applied data cleaning methods using Pandas and NumPy libraries on the dataset of 950 thousand plus entries and organized the data in pivot table and stored on GCP storage
- Designed an architecture which suggest the ETL relational queries to forecast the workload for next 60 days
- Created a report and dashboard of forecasted workload in Tableau using Pivot tables and chartings
- Analyzed the KPI tiles and concluded with to have more 20% head count using Microsoft Dynamics 365 which helps to increase sale by 28%

### PRESTIGE FREIGHT LLC | Ypsilanti, MI

November 2019 – August 2020

#### Data Associate

- Maintained and regularly queried MySQL database that contain multiple tables about the employees, routes, and vehicles
- Improved the operational efficiency of long distance round trips by 23% by automating the logs data processing and tracking, obtained from a telematics device, of a transportation agency

### CONIFER HEALTH SOLUTIONS | Remote, USA

April 2017 – October 2019

#### Junior Analyst

- Provided financial guidance to Business and assisted in decision-making, contributing to a 13% growth trend by developing strategic long-range planning recommendations for management
- Developed and implemented effective record cleaning and manage the quality of data using Python and store into the SQL
- Designed and created weekly and monthly comprehensive spendings report, abstracts, and charts using Tableau to present data and guide investment strategies and performed analysis and reporting
- Established a new forecasting tracking and management reporting system to improve availability and accuracy of financial data, triggering a 14% increase in accuracy

### BIOINFORMATICS INSTITUTE OF INDIA | Noida, India

April 2009 – May 2010

#### Research Associate

- Predicted drug's ability to dock to a protein structure responsible for dwarfism (FgFr3) using predictive modeling and data mining in R with the best drug binding energy (-10.458Kj/MOL). Result published in a journal paper
- Annotated and developed a database on medicinal plant and related information using MS SQL

## EDUCATION

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**MASTER OF SCIENCE | Indiana University, USA**  
Data Science

**January 2021 - December 2022**

**MASTER OF SCIENCE | Amity University, India**  
Bioinformatics

**July 2005 - June 2007**

**BACHELOR OF SCIENCE | University of Allahabad, India**  
Applied Science

**July 2002 – May 2005**

## CERTIFICATION

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- Building Web Application with Shiny in R (Issued by: Data Camp) April 2022
- Tableau Essential Training (Issued by: LinkedIn) January 2022
- PyTorch Essential Training: Deep Learning (Issued by: LinkedIn) December 2021
- SAS Certified Base Programmer for SAS (Issued by: SAS) April 2012

**References available upon request**