

# Pragya Vermaa

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## EDUCATION

### Fr C Rodrigues Institute of Technology

Vashi, Navi Mumbai

*Bachelors of Engineering in Computer Engineering*

*November 2020*

- GPA: 9.02, Coursework - Python, Machine Learning, Databases, Human-machine Interaction, Cloud Computing, NLP, Analysis of Algorithms, Data Structures, Web Development, Business Communications, C, Java, Android development, Computer Networks

## WORK EXPERIENCE

### Addend Analytics

Navi Mumbai

*Data Analyst*

*October 2020 - current*

- Develop visual reports, dashboards and KPI scorecards using Power BI desktop.
- Can connect to multiple data sources to import data and transform data, and develop tabular and multidimensional models that are compatible with warehouse standards.
- Proficient in making DAX queries on the Power BI desktop *using* advance level calculations on the data set.
- Able to implement row-level security on data and have an understanding of application security layer models in Power BI.
- Skilled in developing customized visuals using python.
- Able to properly understand the business requirements and develop data models accordingly by taking care of the resources.
- Developed a proof of concept for Power BI embedding using the asp.net framework. The embedding implementation included row-level security, view-edit mode, interactivity feature with the report.

### Therex Technologies Pvt Ltd

Mumbai

*Data Intelligence Intern*

*June 2020 - August 2020*

- Gathered unstructured data and curated them to visualize it for a better understanding of the information to gain useful insights
- Researched and analyzed various businesses need to provide a feasible solution for it using the insights and delivered regular updates to the stakeholder.
- Benchmarked, validated, and tested the solution and corroborated the findings with facts, figures, and proper reasoning. The research domain varied from technology, finance, planning to biology and mathematics, and many more. The studies conducted were documented systematically to be used by the stakeholders.

### Bhabha Atomic Research Center

Trombay

*Research Project Intern*

*August 2019 - February 2020*

- Worked on the project titled - Development of Chaos, Fractal and Self-Similarity of the Air Quality Data of Delhi.
- Analyzed the data with the help of standard descriptive analysis, chaos theory, and pertinent visualizations.
- Designed an architecture for an LSTM model to forecast with a mean absolute error of 9.64.
- Published a paper titled - "Air Quality Index – A Study to Assess the Air Quality", and another paper titled - "Comparison of Time-Series Forecasting Models" is submitted for publication.

## SKILLS & INTERESTS

**Skills:** Python, Power BI, Power BI embedding, DAX, SQL, Microsoft Azure, .NET framework, C#, Machine Learning, SSIS

**Interests:** Dancing and reading