

## Parth Bisht

7982831036 | parthbisht2801@gmail.com | New Delhi

LinkedIn: <https://www.linkedin.com/in/parth-bisht-29210518b>

### PROFESSIONAL SUMMARY

Innovative Artificial Intelligence Engineer possessing strong mathematical skills and detailed knowledge of machine learning evaluation metrics and best practices. Offering 4+ years of experience creating programs and algorithms to enable machines to take actions without being directed. Expertise in predictive analysis, data mining, and computational statistics. Logical and detailed professional with exceptional Python coding.

### SKILLS

Language: Python, SQL

Tech Stack: Machine Learning, Deep Learning, Natural Language Processing, AWS (necessary services for deployment), Data Analysis (Data Studio, Power BI)

Databases: PostgreSQL, MySQL

### EXPERIENCE

#### Techsci Research | Lead Data Scientist

Currently Working

About: Techsci research is a global market research and consulting company particularly majorly on chemical based products.

Roles / Responsibilities:

- Responsible to develop LLM architectures
- Responsible to develop automation using AI architecture
- Monitor or Review model training re training.
- Review and continuously monitor MLOPS through AutoML etc.

#### WIN Home Inspection | Data Scientist

June 2022 - September 2023

About: WIN Home Inspection is one of the largest networks of certified home inspectors at WIN transforming delivery of actionable insights for homeowners to help improve health safety and quality of life while saving significantly in repair bills with preventive maintenance by building scalable models investing in the cloud data science artificial intelligence machine learning and unmatched training and certification programs.

Roles / Responsibilities:

- Data Mining or extraction of usable data from valuable data sources for Strategic Partners.
- Enhancing data collection procedures to include all relevant information for developing analytic systems.
- Processing cleansing and validating the integrity of data to be used for AI architectures.

- Developing prediction systems and machine learning algorithms.
- Developing automated BI tools / Dashboards for SPs.

#### **Do Your Thing (DYT) | Data Scientist**

June 2021 - June 2022

About: DYT is an AI-powered influencer marketing platform for end-to-end management of outcome-based campaigns perfect for brands of all sizes.

Roles / Responsibilities:

- Performed key role in predicting business outcomes by developing advanced mathematical statistical and Artificial intelligence ML DL techniques and applied psychometrics to enhance results.
- Uncovered and developed critical insights through data mining and advanced algorithms.
- Created models and standards governing data collection for specific areas of expertise.
- Extracted actionable business insights through analysis of structured and unstructured data.

#### **The Galaxy Group | Junior Data Scientist**

March 2020 - June 2021

About: The Galaxy Group is focused on developing luxurious gated communities with the best of amenities comprising ample greenery and modern design. It developed numerous vastu compliant luxury apartments in the prime location of Greater Noida and earned a reputation for quality as well as innovation in real estate sector.

Roles / Responsibilities:

- Worked closely with data engineers and BI analysts to improve the efficiency of customer recommending analyses.
- Constructed Natural Language Processing models for sentiment analysis in machine and deep learning.
- Designed and implemented a machine learning system that predicts hardware malfunction with more than 80% accuracy.
- Created global and personalized real-time report systems for executives, stakeholders, and processes in SAS, Tableau, and proprietary systems.
- Built a CNN project using transfer learning with models like VGG19/16, ResNet, etc.
- Worked on neural networks for predictors, majorly in classification problems using ML/DL/NLP.

#### **NTPC Limited Noida | Data Analyst (intern)**

March 2019 - October 2019

Roles / Responsibilities:

- Tested and implemented decision trees, random forest, and ensembling techniques and other bagging and boosting methods.
- Employed Principal Component Analysis to analyze collinearity.
- Created Deep Learning Artificial and Recurrent Neural Network for hydropower

classification problems using LSTM, BLSTM.

- Developed advanced text mining algorithms to identify search intent latent in individual keywords.

## **EDUCATIONAL QUALIFICATION**

B. TECH (CSE)

Dronacharya College of Engineering (75%)

SENIOR SECONDARY

Kendriya Vidyalaya Janakpuri (78%)