

# NIKHIL JAIN

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## PROFESSIONAL SUMMARY

Results-driven Data Enthusiast with 2+ years of experience in **developing** and **deploying** machine learning models, **analyzing** large datasets, and **creating** interactive visualizations. **Enhanced** decision-making for 10+ projects by **achieving** 90%+ accuracy in predictive models and **reducing** data processing time by 40%.

## EDUCATION

### BTech Metallurgy and Materials Engineering

IIT Roorkee • 2024 • 6.583

### Intermediate (Class XII)

Shiv Jyoti Senior Secondary School • 2020 • 86.2%

### Matriculate (Class X)

Guru Nanak Public School • 2018 • 88.2%

## INTERNSHIP

### Machine Learning Engineer

Feynn Labs

June 2023 - August 2023, Work From Home

- **Analyzed** McDonald's performance using data-driven techniques, **identified** key trends, and **provided** strategic insights, leading to a **15% improvement** in decision-making efficiency.
- **Applied** hierarchical clustering algorithms for electric vehicle customer segmentation, **achieving a silhouette score of 0.8** and **identifying 4 distinct** customer groups.
- **Developed** and **implemented** Random Forest, Gradient Boosting, and Logistic Regression models for e-commerce customer churn prediction, **achieving 86% accuracy** and **reducing churn rate by 12%**.

## PROJECTS

### Data Science Job Simulation

BCG | Forage • June 2023 - September 2023

- **Developed** and **evaluated** machine learning models (Logistic Regression, Random Forest, XGBoost) to predict customer churn, **processing** over 100,000 data points.
- **Achieved** 82% accuracy with an optimized XGBoost model through hyperparameter tuning.
- **Improved** model performance by 15% through feature engineering and **refining** data attributes.

### Data Visualization: Empowering Business with Effective Insights

Tata | Forage • May 2023 - June 2023

- **Designed** 10+ interactive visualizations to transform complex data into actionable insights using Matplotlib and Plotly.
- **Analyzed** sales metrics and **developed** 5+ dynamic dashboards, leading to a 20% improvement in trend identification using Tableau and Power BI.
- **Leveraged** data storytelling techniques to **present** findings to 15+ stakeholders, resulting in more informed decision-making.

## SKILLS

**Computer languages :** Python, SQL, C++

**Technical Skills :** NumPy, Pandas, Matplotlib, Seaborn, Plotly, Scikit-learn, XGBoost, Tableau, Power BI, Microsoft Excel, PyCharm, VS Code, Jupyter Notebook

**Hard Skills:** Exploratory Data Analysis, Machine Learning, Statistical Methods, Feature Engineering, Database Management

**Additional Courses :** Statistics-110 (Harvard University), Supervised Machine Learning (Coursera), Data Science Masters PW Skills Course, 2022 Complete Python Bootcamp from Zero to Hero in Python (Udemy)

**Languages Known :** Hindi (SRW), English (SRW)

## EXTRACURRICULAR ACTIVITIES

### Freelancer

AEPL (Meritnation) • August 2021 - July 2022

- **Resolved** 500+ student queries across offline and online platforms, **providing** comprehensive academic support.
- **Collaborated** with a team of 10+ members to **optimize** company operations and services.
- **Mentored** and **motivated** 100+ students preparing for the Joint Entrance Examination (JEE), **offering** personalized guidance and encouragement.

### Subject Matter Expert

Chegg India Pvt. Ltd. • November 2021 - April 2022

- **Resolved** academic doubts and questions for over 100 global students across diverse subjects, **providing** timely support.
- **Adapted** to rotational shifts, **accommodating** students from 5+ time zones.
- **Delivered** educational assistance services independently as a freelancer, **supporting** 50+ students with academic queries.

### Cadet

NCC IIT Roorkee (3UKCTR) • November 2020 - July 2022

- **Earned** A-Certificate, **demonstrating** proficiency in NCC training.
- **Mastered** NCC Code of Conduct and organizational protocols.
- **Participated** in 10+ rigorous physical events, including marathons and pentathlons.
- **Developed** leadership, discipline, and teamwork skills through 18 months of cadet training.