

Abhinav Anurag

Metallurgical Engineering

+91-7839241805

✉ abhinav.anurag.aa@gmail.com

in linkedin.com/in/abhinav-anurag

ACADEMIC BACKGROUND

Year	Degree/Certificate	Institute	CPI/%
2024	Integrated Dual Degree	Indian Institute of Technology (BHU), Varanasi	8.08/10
2018	CBSE (XII)	Sunbeam English School, Varanasi	94.00%
2016	ICSE (X)	Holy Cross School, Ballia	95.60%

SKILLS

- **Languages:** Python (Numpy, Pandas, Matplotlib, Seaborn, PySpark, PyTorch, Scikit Learn), SQL, R, C++
- **Technologies:** Power BI, Tableau, MS Excel, Git, Jupyter Notebook, MS PowerPoint, Anaconda, VS Code
- **Google Courses:** Basic & Advanced Data Analytics, Automation with Python, AI Essentials, Business Intelligence

WORK EXPERIENCE

- **Revenue Lead - OYO** (Jun '24 - Aug '24)
 - Oversaw ≈ **INR 1.2 Cr.** of annual revenue accounting and reconciliation for 10 critical properties in Varanasi
 - Applied data driven optimizations yielding **15% increase** in monthly revenue within two months of deployment
 - Explored usage patterns of **100+ DSRN** in Varanasi region, creating ARR change strategy for assigned SRNs
 - Ensured **11% higher** customer ratings via facilitating hospitality arrangements based on customers' prior reviews
- **Data Science Internship - DEVTOWN** (May '23 - Jul '23)
 - Performed competitive analysis on **top 20** startups in the Indian Ed Tech sector based on available market data
 - Built a real-time **Power BI dashboard** to track platform load, using automated data pipelines from Metabase
 - Created XGBoost based regressor with **95% accuracy** on predicting drop-outs from funnel in bootcamp contest
 - Observed increased engagement completion ratio of **75%** in A/B testing with **3,300** users by gamifying quizzes

KEY PROJECTS AND COMPETITIONS

- **Rossmann Store Sales - Kaggle Data Science Competition** (Dec' 22)

Objective: Develop a model capable of forecasting everyday sales for the Rossmann stores, for up to six weeks in advance

 - Achieved **RMSE reduction by 73%** through optimization and model selection, predicting sales for 1,115 stores
 - Enhanced the model, included 8 new features with PCA, increasing feature importance by **15%**, on 1M records
 - Studied accuracy of XGB and Random Forest, achieved **lowest RMSE** by hyperparameter-tuned XGBRegressor
- **Image Classification - Classifying Handwritten Digits** (Sep' 23)

Objective: Develop and implement a deep learning model to classify handwritten digits using neural network techniques

 - Achieved **95.3%** accuracy on a 10-class classification problem applied to the MNIST handwritten digits dataset
 - Leveraged PyTorch with GPU acceleration on Google Colab, processing **60,000** 28x28 pixel images labeled 0-9
 - Trained multi-layered Artificial Neural Network (ANN) using softmax activation and cross-entropy loss function
- **Cricket Data Analytics - T20 World Cup Analysis** (Mar' 23)

Objective: Develop dynamic dashboard to identify the top 11 players for T20 cricket team based on performance metrics

 - Built Power BI dashboard with **15 visualizations**, identifying top 11 using custom filters and statistical analysis
 - Processed data inconsistencies, normalized batting, bowling metrics and evaluated **20+** key performance metrics
 - Scraped T20 cricket data from ESPNcricinfo for the past 7 years, comprising **1,500** matches and **50,000+** innings

POSITIONS OF RESPONSIBILITY

- **USG Business Relations - IIT(BHU) Model United Nations** (Apr' 19 - Mar' 22)

Indian Institute of Technology (BHU), Varanasi

 - Led a **15-member student executive team**, coordinating logistics for 250 delegates, ensuring a seamless event
 - Led a 5-member business team, coordinated **117** institutions for Asia's top virtual MUN, secured **83 delegates**
 - Played a pivotal role in the MUN, contributing to its organization, delegate experience, and successful execution
- **Student Alumni Interaction Cell (SAIC) Executive** (Jul' 19 - Mar' 21)

Indian Institute of Technology (BHU), Varanasi

 - Managed a **20 membered body** to strengthen student-alumni relations, improve initiatives and organize events
 - Revamped the SAIC website, resulting in a **35% improvement** in user experience and eliminating critical bugs
 - Supervised alumni engagement activities, conducted networking and mentorship session in Kashiyyatra & Spardha

ACHIEVEMENTS

- Secured **1st position** in Metals Material Quiz, organized by the Metallurgy Department IIT(BHU), IIM Vns Chapter
- Recognized as **Icon of Inspiration** and **All Rounder** from Sunbeam English School for exceptional accomplishments
- National level **Semi-finalist** in prestigious Professor Brahm Prakash Memorial Materials Quiz held at IIM Kalpakkam
- Ranked in the **top 10** out of 1231 participants globally in Strategy Storm Business Case Competition at IIT Guwahati