

ABHAY BIRADAR

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[LinkedIn](#)

[GitHub](#)

[Hackerrank](#)

[Leetcode](#)

SUMMARY

Final-year BTech student with a focus on data analytics, visualization, Java, machine learning, and process optimization, skilled in SQL, Power BI, Tableau, and Python. C++, Java Development, TensorFlow, Pandas, OOPs, DSA

WORK EXPERIENCE

Developer/Analyst Intern

January 2025 - Present

CNATIVES

- Developing Optical Character Re-cognition by using machine learning model.
- Image processing with text display.
- Flask, RestAPI
- ReactJs, Front-End.

Campus Ambassador.

Jan 2022 - Jun 2022

Internship Coding Ninja

- Demonstrated exceptional adaptability by pivoting business strategies quickly in response to market changes.
- Applied advanced ninja tactics to prioritize and execute various business tasks and objectives efficiently.

Student Intern

Dec 2021 - Jan 2022

Internshala

- Developed marketing skills, communication skills and learned how to chat with the firms, how to lead the group, how to work as a leader, how to gain reach.

EDUCATION

Bachelor of Electrical and Computer Engineering

Sept 2021 - June 2025

- MIT-World Peace University, Pune | **CGPA:- 7.95**
- Relevant Coursework: Data Science, Database Management System, Python Programming, Artificial Intelligence and Machine Learning, Object Oriented Programming Language.

HSC (12th). In Science. Percentage: 90.33%

June 2020 - May 2021

- Yeshwant Junior College, Ahmedpur. dist. Latur.

CERTIFICATIONS

- SQL Essential Learning LinkedIn
- Learning Google Cloud Computing Foundation by NPTEL - IIT Guwahati
- The SQL Programming Essentials Immersive Training by Udemy
- SQL (Basic) certification by Hackerrank.
- GDSC WOW Pune 2024 organized by GDSC, Pune on April 6, 2024
- Python Essential Training By Ryan Mitchell - LinkedIn Learning
- SQL Essential Training By Walter Shields - LinkedIn Learning
- Android Development and PLCA, NITTTR, Bhopal

PROJECTS

Preventive Maintenance of Diesel Engine, Rubiscape Pvt. Ltd.(Technologies: Excel/CSV, Python, Data Visualization)

- Utilized data science tools, including SVM and KNN algorithms, to develop and implement a preventive maintenance schedule for diesel engines, resulting in a 60% increase in maintenance efficiency.
- Leveraged Python for data analysis, applying statistical methods to identify trends and patterns in engine performance, which enhanced equipment reliability and longevity.
- Created interactive visualizations to present maintenance data and insights, facilitating informed decision-making and improving communication with stakeholders regarding maintenance strategies.

Forecasting Electrical Consumption Using RNN and LSTM (Technologies: CSV, Python, Jupyter Notebook, Machine Learning Algorithms)

- Researched electricity demand forecasting using Recurrent Neural Network (RNN) and Long Short Term Memory (LSTM) models, evaluated on London smart meter data for single-house and block dwellings across short-, mid-, and long-term projections.
- Achieved accurate forecasting with average Root Mean Square error analysis for both RNN and LSTM networks.

Netflix Data Exploratory Analysis (Technologies: CSV/Excel, Python, jupyter Notebook, ML, Analytics)

- Analyzed Netflix datasets to uncover trends and insights, such as content preferences across regions and genres.
- Utilized Python libraries like Pandas, Matplotlib, and Seaborn to perform data cleaning, visualization, and statistical analysis.
- Derived actionable insights for content planning and marketing strategies.

Stock Market Analysis (Technologies: CSV/Excel, Python, jupyter Notebook, ML, Analytics)

- Conducted time-series analysis and predictive modeling of stock market data.
- Applied machine learning techniques to predict price trends, leveraging tools like Python, Scikit-learn, and NumPy.
- Provided insights into market behavior, assisting in portfolio optimization.

ACHIEVEMENTS AND EXTRA-CURRICULARS

- Treasurer for Technical Event TeXePhyr
- Hotel Accommodation Head of JW Sahar for NLC BHAARAT 2023
- Event Management Head at TEXEPHYR 2023
- Selected amongst top 25 students from University (MITWPU) for Johns Hopkins Engineering Exploratory Program 2024