

ROHIT DUBEY

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Education

Integrated Master of Technology in Computer Science Engineering	Jul 2021 – May 2026
Minor in Computational and Data Science	CGPA: 8.52
VIT Bhopal University, Bhopal, Madhya Pradesh	
Higher Secondary	Mar 2020 – Jul 2021
Chinar Public School, Alwar, Rajasthan	Percentage: 82.2%
Secondary	Mar 2018 – May 2019
Hem Sheela Model School, Durgapur, West Bengal	Percentage: 92.2%

Skills

Programming Languages: **Python, SQL**, R, **Java**, HTML, CSS
Tech Stack: **NumPy, Pandas**, SciPy, Conda, Matplotlib, Seaborn, **scikit-learn**, TensorFlow, PyTorch, OpenCV
Tools: GitHub, **Tableau**, **MySQL**, Power BI, **Excel**, Jupyter, Spyder, Anaconda

Projects

StockCast	Jul 2024 – Present
<ul style="list-style-type: none">Constructed a stock price prediction model for The State Bank of India (NSE: SBIN) using 10 regression algorithms, achieving 0.39% MAPE with SVR, and leveraging Yahoo Finance data for forecasting.Optimized model accuracy through feature engineering and algorithm comparison, enhancing predictive performance and demonstrating expertise in machine learning and financial forecasting.Led the open-source release of the stock price model, selected for contributions in GSSoC, SWoC, DWoC, Hacktoberfest, and CodeTriage, promoting community growth.Managed global collaboration, ensuring continuous improvement and increasing visibility across multiple open-source platforms.	
NeoLung	Mar 2023 – May 2024
<ul style="list-style-type: none">Implemented 10 machine learning classification algorithms (Logistic Regression, KNN, SVM, etc.) to predict lung cancer using the Lung Cancer Dataset from data-world, improving model accuracy.Evaluated algorithm performance using key metrics: accuracy, precision, recall, F1 score, and confusion matrix, driving the selection of optimal model for prediction.Achieved top performance with Logistic Regression, attaining 90.29% accuracy, 0.905 precision, and 0.945 F1 score, enhancing prediction reliability.Enhanced prediction models by applying machine learning techniques (Logistic Regression, Random Forest, XGBoost), contributing to more accurate cancer diagnosis predictions.	

Work Experience

EntranceWise	Oct 2024 – Nov 2024
<i>Market Research Analyst Internship</i>	
<ul style="list-style-type: none">Conducted comprehensive market research to identify 3+ optimal pricing strategies within the competitive EdTech landscape, supporting strategic decision-making for product positioning.Developed an interactive Tableau dashboard to visualize market trends, consumer behavior, and investment patterns, enhancing data-driven discussions during 10+ strategic meetings.Delivered a detailed report with 7+ actionable insights, enabling the identification of 4+ growth opportunities, optimization of 3+ investment decisions, and improvement of 2+ operational efficiencies.	

Certifications

Artificial intelligence associate by Salesforce	Jan 2025
Generative AI certified professional by Oracle	Jul 2024
Applied machine learning in python by University of Michigan	Feb 2023
Data analytics professional certificate by Google	Dec 2022

Extra Curriculars and Achievements

- Core Team Lead, NSS VIT Bhopal:** Managed the execution of **10+ key events**, ensuring **seamless organization** and **strong participation**, impacting over **50 attendees** per event.
- Core Team Lead, Data Science Club:** Organized and facilitated **5+ monthly meetings**, collaborating with **50+ members** to drive **club activities** and increase **member engagement** by **30+ members** over **6 months**.
- Mentor & Project Admin, StockCast (SWoC):** Guided the development of the **StockCast project**, managing **10+ contributors** and overseeing the timely delivery of **project milestones** with **high-quality contributions**.
- Project Admin, GSSoC:** Supervised a team of **60+ contributors**, **optimized workflows**, and ensured the completion of all tasks in **3 months**, as per the **project schedule**.