

Shubham G. Tade

Pune, India | +91 7030409591 | ✉ shubhamgtade123@gmail.com |  [linkedin.com/in/shubham-tade123](https://www.linkedin.com/in/shubham-tade123)

 <https://github.com/shubhu111>

SUMMARY

Aspiring Data Scientist and Analyst with practical experience in **Python, SQL, Machine Learning, Deep Learning (CNN, RNN, LSTM)**, and **NLP (using NLTK)**. Strong foundation in **EDA, predictive modeling, data visualization**, and deploying real-time AI models. Proven ability to translate complex data into actionable insights through hands-on projects. Ardent about solving real-world problems with data.

SKILLS AND STRENGTHS

- **Programming:** Python, SQL
- **Machine Learning:** Supervised & Unsupervised Learning, Feature Engineering, Model Evaluation
- **Deep Learning:** CNN, RNN, LSTM, ANN, OpenCV
- **NLP:** Text Classification, Tokenization, Named Entity Recognition (NER) using NLTK
- **Tools & Libraries:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Jupyter Notebook
- **Data Visualization:** Microsoft Power BI, Advanced Excel
- **Soft Skills:** Explaining ideas in a clear way, Being a good listener, Team Collaborative

PROJECTS

1. Detecting Pneumonia in Chest X-Rays | Deep Learning Project

- Built a CNN model to classify chest X-rays as Normal or Pneumonia with 80% accuracy.
- Performed data preprocessing, class imbalance handling, and data augmentation on 1,400+ training images.
- Designed a CNN with dropout layers and a tuned learning rate to improve generalization.
- Dump the model as a 'joblib' file with a real-time classification speed of 2 seconds per image.

GitHub: <https://github.com/shubhu111/-Detecting-Pneumonia-in-Chest-X-Rays-Using-CNN-Ai-project.git>

2. Bank Loan Approval Classification | Machine Learning Project

- Developed predictive model improving bank loan approval accuracy 98% using 61,000+ financial records.
- Analyzed 61,000+ records, removed outliers, balanced data, and standardized features to enhance model.
- Designed and optimized a Stacking Algorithm combining Decision Tree, Random Forest, AdaBoost, SVC, Logistic Regression, and GaussianNB, achieving a highest overall accuracy of 98%.
- Saved the model as a 'pickle' file for deployment and enabled real-time predictions.

GitHub: <https://github.com/shubhu111/Bank-Loan-Approval-Classification-Machine-Learning-Project.git>

3. Hotel Booking Data Analytics and Visualization Using Microsoft Power BI

- Developed interactive dashboards analyzing trends in 50,000+ hotel bookings to uncover actionable insights
- Analyzed cancellations, seasonality, and customer trends using Power BI.
- Built data-rich dashboards to support decision-making.

GitHub: <https://github.com/shubhu111/Hotel-Booking-Data-Analytics-Using-Power-Bi-Project.git>

EDUCATION

B.Tech- Computer Science and Engineering | 2024

- Shreeyash College of Engineering & Technology, Aurangabad | 2020 – 2024 | 7.48 CGPA

CERTIFICATIONS

Mastering Data Science, 3RI Technology, Pune | Jul 2024

- Gained expertise in Python, Machine Learning, Deep Learning, and Data Visualization using Microsoft Power BI and Advanced Excel while working on capstone projects involving predictive modeling and AI solutions.

ACHIEVEMENTS

- Completed Accenture's Data Analytics Virtual program with distinction, mastering advanced visualization techniques.
 - Certification : [completion certificate.pdf](#)
- Completed PwC's Power BI Engineering Virtual Program. Driven on creating interactive dashboards and optimizing data reporting.
 - Certification : [completion certificate.pdf](#)