


# Shubham G. Tade

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

 <https://github.com/shubhu111>

---

## SUMMARY

Aspiring Data Scientist with a strong foundation in SQL, Python, data visualization, machine learning, and deep learning, Power Bi. Skilled in extracting data-driven insights and predictive modeling, with experience in developing innovative solutions through analytics. Eager to apply data science knowledge to support impactful, data-driven decision-making in a dynamic environment.

---

## SKILLS AND STRENGTHS

- **Programming:** Python (NumPy, Pandas, Matplotlib, Scikit-Learn), SQL.
- **Data Visualization:** Microsoft Power BI, Advanced Excel.
- **Machine Learning:** Supervised and Unsupervised Learning, Feature Engineering, Predictive Analytics.
- **Deep Learning:** ANN, CNN, OpenCV, NLP (NLTK), RNN (LSTM).
- **Soft Skills:** Time Management, Team Collaboration, Analytical Problem-Solving, Research.

---

## EDUCATION

**B. Tech in Computer Science:** Shreeyash College of Engineering & Technology, Aurangabad | 2020 - 2024

- Relevant Coursework: Statistical Modelling, Machine Learning, Advanced Algorithms

**12<sup>th</sup> (Science):** Shree Bappu Saheb Deshmukh Junior College, Jalgaon Jamod | March 2019

- Passed with Distinction

**10<sup>th</sup>:** The New Era High School and Junior College, Jalgaon Jamod | March 2017

- Passed with Distinction

---

## PROJECTS

### 1. COVID-19\_Disease\_Image\_Classification\_using\_CNN\_AI\_Project

- Built a CNN model using TensorFlow to classify chest X-ray images into Covid, Normal, and Viral Pneumonia.
- Applied data augmentation to enhance model accuracy and robustness across training and testing datasets
- Demonstrated skills in deep learning, image processing, and AI applications.

**Tools Used:** TensorFlow, Data Augmentation, Deep Learning, Image Classification, Jupyter Notebook.

**GitHub:** <https://github.com/shubhu111/COVID-19-Disease-Image-Classification-using-CNN-AI-Project.git>

### 2. Medical Insurance Cost Prediction | Machine Learning Project

- Developed a predictive model for estimating medical insurance costs using demographic and health data.
- Conducted (EDA) & data preprocessing, including handling outliers and encoding categorical variables.
- trained models, including Random Forest Regressor and Linear Regression.
- Achieved high prediction accuracy with the Random Forest model.

**Tools Used:** Python, Scikit-Learn, Pandas, NumPy, Jupyter Notebook, Matplotlib, Seaborn.

**GitHub:** [https://github.com/shubhu111/Medical Insurance Cost Prediction ML Project.git](https://github.com/shubhu111/Medical_Insurance_Cost_Prediction_ML_Project.git)

### 3. Hotel Booking Data Analytics and Visualization Using Power Bi

- Conducted an in-depth analysis of hotel booking data using Microsoft Power Bi.
- Created visualizations to identify trends and patterns in bookings and Cancellations.
- Analyzed data to uncover insights on booking behavior, seasonality, and customer demographics.
- Developed interactive dashboards and charts to facilitate data-driven decision-making.

**Tools Used:** Microsoft Power Bi, Data Analysis, Data Visualization with interactive dashboard

**GitHub:** [https://github.com/shubhu111/Hotel Booking Data Analytics Using Power-Bi Project.git](https://github.com/shubhu111/Hotel_Booking_Data_Analytics_Using_Power-Bi_Project.git)

---

## ACHIEVEMENTS

- **Data Analytics and Visualization Engineering Virtual Program** – Accenture North America  
Certification : [completion certificate.pdf](#)
- **Power BI Engineering Virtual Program** – PwC Switzerland  
Certification : [completion certificate.pdf](#)

---

## PUBLICATION

### [Intelligent Vehicle Safety and Monitoring System](#)

International Journal of Research Publication and Reviews, Vol 4, no 12, pp 2057-2062 December 2023

- Co-authored research published in the *International Journal of Research Publication and Reviews* (Dec 2023), focusing on vehicle safety monitoring through sensor data analysis.

---

## DECLARATION

Hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Shubham Gajanan Tade.