

TUSHAR NAGESH DESHMUKH

+91-7058209269 | tushardeshmukhh96k@gmail.com | github.com/tushar-cmd-10 | linkedin.com/in/tushar-deshmukh96

Education

VIT Bhopal University

B.Tech in Computer Science and Engineering

2022 – 2026

CGPA: 8.46

Skills

- **Programming Languages:** Java, Python, MySQL
- **Python Libraries & Frameworks:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow/Keras, Flask, Streamlit, Joblib
- **Technical Skills:** Data Structures & Algorithms (DSA), Web Development, Cloud Computing, AI-ML-DL, Data Analytics
- **Tools & Visualization:** Power BI, Tableau, Microsoft Excel (Advanced), EDA, DAX

Projects

Blinkit Analytics Dashboard — Power BI, Python, SQL

Jan 2025

Analytics and Data Visualization Project

- Built an interactive analytics dashboard in Power BI integrating SQL queries and Python scripts in Power BI dashboard.
- Enhanced decision-making through automated data preprocessing, trend analysis, and visualization.
- Implemented advanced DAX measures and drill-through filters for granular business insights.
- Delivered actionable business insights to optimize operations, significantly improving reporting efficiency by 30%.

Customer Churn Prediction — Python, Machine Learning, Streamlit

Aug 2024

Predictive Modeling Project

- Performed data analysis, cleaning, and feature engineering using pandas and NumPy on telecom customer datasets.
- Trained ML models (Logistic Regression, SVM, KNN) with scikit-learn, achieving 89.5% prediction accuracy.
- Built interactive churn insights visualizations with matplotlib and deployed a scalable model using joblib for persistence.
- Developed and deployed a Streamlit web application enabling real-time churn prediction and user-friendly interaction.

Pneumonia Detection Web Application (AI-ML-DL Project)

Feb 2024 – Apr 2024

Healthcare AI Project

- Built a convolutional neural network (CNN) model using pre-trained VGG16 architecture to classify chest X-ray images.
- Developed a Flask-based web app that allows users to upload X-rays and receive real-time pneumonia detection results.
- Achieved classification accuracy of 90%+ on validation datasets, demonstrating strong diagnostic potential.
- Designed user-friendly interface for doctors and patients with image upload, prediction display, and confidence scores.

Certifications

- Oracle – The Oracle Cloud Infrastructure Data Science Certified Professional.
- Ethnus – Amazon Web Services Internship Training Certificate.
- NPTEL Elite Certification – Cloud Computing, IIT Kharagpur.

Leadership / Achievements

- Completed 100 Days of Code on LeetCode, solving 120+ problems in DSA using Java. Shared progress consistently on LinkedIn.
- Team Lead, Project Exhibition 2 – VIT Bhopal: Directed Customer Churn Prediction project using ML models.
- AWS Cloud Club VIT Bhopal Core Member
- Dhol Tasha Pathak Lead
- Managed resources for 10+ club events with 100+ participants each.