# TUSHAR NAGESH DESHMUKH

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## Education

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|---|---|
| **VIT Bhopal University** | **2022 − 2026** |
| B.Tech in Computer Science and Engineering | CGPA: 8.49 |

## Skills

- **Programming Languages:** Java, Python, MySQL

- **Technical Skills:** Web Development(HTML, CSS), Cloud Computing, AI-ML, Data Analytics

- **Tools & Visualization:** Power BI, Tableau, Microsoft Excel, EDA, DAX

## Projects

**Customer Churn Prediction — Python, Machine Learning, Streamlit**                  **Aug 2025**

Predictive Modeling Project

- Performed data processing, cleaning, and feature engineering using pandas and NumPy on 5000+ customer datasets
- Trained ML models (Logistic Regression, SVM) with scikit-learn, achieving a total of 89.5% prediction accuracy
- Built interactive churn insights visualizations with matplotlib and reduced prediction latency to under 2 sec
- Developed and deployed a Streamlit web application improving business planning speed by 30s

**Pneumonia Detection Web Application — AI-ML Project**                  **Apr 2024 − May 2024**

Healthcare AI Project

- Created a convolutional neural network (CNN) model using pre-trained VGG16 architecture on 1000+ 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

**Blinkit Analytics Dashboard — Power BI, SQL**                  **Jan 2024**

Analytics and Data Visualization Project

- Designed an user-driven analytics dashboard in Power BI integrating 15+ SQL queries and Python scripts
- Enhanced decision-making through automated data preprocessing, trend analysis, and visualization
- Implemented advanced 10+ DAX measures and drill-through filters that gave granular business insights
- Delivered actionable business insights to optimize operations, significantly improving reporting efficiency by 30%

## Certifications

- AWS Certified Cloud Practitioner (CLF-C02)

- Oracle Cloud Infrastructure Data Science Certification

- Ethnus – Web Development Internship Training Certificate

## Leadership / Achievements

- Completed 100 Days of Code on LeetCode, solving 110+ problems in DSA using Java. Shared progress consistently on LinkedIn.

- AWS Cloud Club VIT Bhopal Core Member for the year 2023-24

- Managed resources for 10+ club events with 100+ participants each