Shuban Borkar

9029023307 | shubanborkar@gmail.com | LinkedIn | GitHub | Portfolio | **Age:** 20 | Mumbai, Maharashtra

Professional Summary

Aspiring Data Science Intern skilled in Python, machine learning, EDA, and model deployment. Experienced with Flask APIs and cloud-ready solutions; eager to apply data-driven methods to real-world problems.

Education

Thadomal Shahani Engineering College (TSEC) CGPA – 8.79
Bachelor of Engineering in Artificial Intelligence and Data Science *Nov. 2022 – May 2026*

PACE Junior Science College (HSC) *March 2022*

Thakur Vidya Mandir School (SSC) *March 2020*

Projects

Zomato Review Sentiment Analysis & Restaurant Clustering | *Python, NLP, Scikit-learn, KMeans* | GitHub

- Performed sentiment analysis on 10,000+ Zomato user reviews using NLP techniques and TF-IDF vectorization.
- Achieved 92% sentiment classification accuracy using Logistic Regression and Random Forest.
- Clustered restaurants based on review sentiment using KMeans; visualized results using Matplotlib and Seaborn.

Loan Defaulter Prediction System | *Python, Flask, Logistic Regression, AdaBoost* | GitHub

- Built a Flask-based web app to predict loan default risk with 95%+ accuracy on real-world data.
- Enhanced model performance on imbalanced data by 42% via ADASYN and optimization.
- Deployed a Flask API with Flask-WTF to handle real-time input and render live predictions.

Technical Skills

Programming Languages: Python, SQL, HTML, CSS
Data Science & ML: NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn, TensorFlow, Keras, OpenCV
Tools & Platforms: Jupyter, Google Colab, Git, Google Cloud Platform, Flask, VS Code, Tableau
Databases: MySQL, SQLite
Design & Media: Adobe Photoshop, Illustrator, Premiere Pro, After Effects, Blender, Canva

Research & Leadership Experience

A Comparative Analysis of Machine Learning Models for Traffic Flow Prediction
Accepted for publication at the 6th World Conference on Artificial Intelligence: Advances and Applications (WCAIAA 2025), Springer
First Author — Conducted a comparative study of five supervised learning algorithms for traffic flow prediction using a dataset of 10,000+ samples. Improved model accuracy by 21% through feature engineering and hyperparameter tuning. Evaluated performance using RMSE and R^2 metrics.

Joint Media Organising Secretary *TSEC Students' Council*
July 2024 – May 2025
Led media for 10+ events, boosting Instagram engagement by 180%. Managed content for 3,000+ students, coordinated with design/logistics, and directed a 4-member media team.

Additional Information

Languages: English (Fluent), Hindi (Fluent), Marathi (Fluent), Konkani (Native)
Professional Competencies: Public speaking, Presentation, Leadership, Teamwork, Adaptability
Certification: Oracle Cloud Infrastructure 2024 Generative AI Certified Professional