Srushti Yeole

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SUMMARY

To apply my knowledge of programming languages and development with dedication and honest effort toward company's goals.

EDUCATION

Bachelor of Technology in Computer Engineering
K.K. Wagh Institute of Engineering Education and Research, Nashik   *2022 – 2026*
CGPA: 8.05

Higher Secondary Certificate (HSC)
M.S.G. Arts, Commerce and Science College, Malegaon   *2021 – 2022*
Grade: 80.50%

Secondary School Certificate (SSC)
Sau.R.Z.K Kakani Vidyalya   *2019 – 2020*
Grade: 92.00%

TECHNICAL SKILLS

- **ML:** Python, NumPy, Pandas, Scikit-learn;
- **Programming & Tools:** Python, SQL; Git, GitHub
- **Web:** MERN Stack, REST APIs
- **UI/UX Tools:** Canva

PROJECTS

Lip-Sync Based Deepfake Detection — *Final Year Project*   *Sep 2025*
- Built ML models for detecting audio–visual lip-sync inconsistencies in videos.
- Implemented data preprocessing, feature extraction, and performance evaluation.
- Created a dashboard for segment-wise prediction visualization and analysis.
- Conducted iterative experimentation and basic model fine-tuning to improve performance.

Role: Data Preprocessing & Model Training Lead
GitHub: [Srushti-Yeole/Lip-Synk-based-deepfake-detection](https://github.com/Srushti-Yeole/Lip-Synk-based-deepfake-detection)

Diabetes Risk Prediction System   *Oct 2024*
- Built a machine learning–based web application to predict diabetes risk using patient health metrics.
- Performed data preprocessing, feature selection, and model training using Scikit-learn.
- Evaluated model performance using accuracy, precision, recall, and F1-score.
- Integrated the trained ML model with a Flask-based backend and responsive web interface for real-time predictions.

Role: Machine Learning Engineer
Live Demo: https://diabetes-prediction-hn2z.onrender.com/

Urban Bike Pooling Platform — *Hackathon Project*   *Jan 2025*
- Built a full-stack bike ride-sharing platform with end-to-end frontend–backend integration.
- Implemented APIs for ride creation, booking, and user management.
- Delivered features under tight hackathon timelines through team collaboration.

Role: Full Stack developer(Frontend)
GitHub: [Srushti-Yeole/Urban-Bike-Pooling](https://github.com/Srushti-Yeole/Urban-Bike-Pooling)

Portfolio: https://portfolio-nb2e-sigma.vercel.app/

ACHIEVEMENTS

Tech Pragyan National Hackathon: Finalist for developing the UrbanBike platform promoting sustainable commuting.
Cricket: Winner and runner-up in multiple turf cricket tournaments.