

# Sharayu Bhute

Computer Science & Engineering student with strong fundamentals in data structures, algorithms, and software development. Skilled in Machine Learning and Data Science with hands-on experience building ML models and analytical solutions. Passionate about AI development, continuously building real-world projects. Seeking opportunities in ML/AI where I can apply technical, analytical, and problem-solving skills.

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## Skills:

### Programming:

Python, C, SQL, Java (Basics)

### Machine Learning & AI:

scikit-learn, TensorFlow, Keras, Deep Learning, NLP, MLFlow, FastAPI, Docker.

### Data Science & Visualization:

Pandas, NumPy, Matplotlib, Seaborn

### Tools & Platforms:

Git, GitHub, VS Code, Jupyter Notebook, Google Colab.

## Contact:

Maharashtra, India

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[linkedin/sharayu-bhute](#)

[github/sharayu-bhute](#)

## Education:

B.Tech – Computer Science & Engineering (2023-2027)

RTMNU

Priyadarshini Bhagwati College of Engineering, Nagpur

CGPA: 8.29

## Projects:

### 1.Smart Interview – an AI-powered interview

Tech stack: FastAPI, NLP, Python

I built an app that automatically generates tech + HR interview questions tailored for practice.

Key Features:

1. Extract your skills from your resume.
2. Generates HR & technical questions automatically using AI.
3. Provides a real-time chat interface for practicing answers.
4. Tracks your responses to suggest improvements.
5. Built with FastAPI, React, TailwindCSS, and NLP techniques.

[View](#)

### 2. Customer Segmentation using K-Means Clustering | Machine Learning Project

Tech Stack: Data preprocessing, K-Means Clustering for unsupervised segmentation, Elbow Method to determine the optimal number of clusters.

To identify different types of customers based on their spending behavior and income levels — helping businesses tailor marketing strategies effectively.

[View](#)

Additional Projects All projects available here: [github](#)

## ACHIEVEMENTS & PARTICIPATION:

Participant, Flipkart GRiD 7.0 Hackathon (2025)

Consistent academic performer with CGPA above 8.0