

# Pragati Akhare

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in [LinkedIn](#)    [Github](#)    [Leetcode](#)

## Skills

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- **Languages** : Python, C++, MySQL, HTML, Node.js, TailwindCSS, CSS
- **Data Analysis and Visualization** : NumPy, Pandas, Matplotlib
- **Machine Learning** : Supervised and Unsupervised Learning
- **Tools** : Git and Github

## Education

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**Ajeenkya DY Patil School of Engineering**

2022 – 2026

*B.E. in Artificial Intelligence and Data Science*

- CGPA: 8.01/10.0

## Projects

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### Volume Control using OpenCV

*Python — OpenCV*

- Developed a computer volume control system using hand gestures with OpenCV.
- Implemented real-time hand detection and gesture recognition.

### Disease Prediction System

*Pandas — scikit-learn — Tkinter*

- Created a GUI-based system to predict diseases from user-input symptoms.
- Suggested disease descriptions and necessary precautions.
- Used classification models with severity-weighted features.

### Personal Portfolio Website – [Link](#)

*HTML — CSS — JavaScript — GitHub Pages*

- Designed and developed a personal portfolio website to showcase projects, certifications, and activities.
- Integrated GitHub Pages for hosting and Formspree for contact form handling.
- Features sections like About, Skills, Projects, Certifications, Activities, and Contact.

## Publications

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### Real-Time Volume Control using OpenCV

Published in Journal of Transactions in Systems Engineering (JTSE), Vol.2, Issue 2

[10.1109/TASC.2023.3340648](#)

## Achievements

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- Selected for C++ Bootcamp at Indian Institute of Bombay.
- Secured 3rd Rank for presenting the paper on "Volume Control" at an International Conference.
- Secured 3rd Rank in the HSC Speech Contest at Dr. D.Y. Patil Toastmasters Community Club.

## Course Work

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- Career Essentials in Generative AI – Microsoft LinkedIn
- Generative AI Fundamentals – Google Cloud