

# ATHARVA KESARKAR

Teaching Assistant | Data & AI Enthusiast | Building Impactful Solutions for Real-World Problems

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## SUMMARY

I'm Atharva R Kesarkar, a student at Thakur College of Engineering, specializing in Artificial Intelligence and Data Science. I have a strong passion for solving complex problems, exploring new technologies, and learning about responsible AI.

♦ **Technical Interests:** Python, SQL, Data Engineering, Web Development, AI Ethics

🏆 **Achievements:** Gold Medalist - 12th National Volleyball Championship (Junior Level)

🎮 **Hobbies:** Volleyball, Football, Long-distance Running, rangoli

## EDUCATION

Higher secondary certificate

**Bwales Maritime and defence Academy**

📅 06/2023 - 03/2024

Bachelors of vocational in Artificial intelligence & Data Science

**Thakur College of Engineering and Technology**

📅 06/2024 - 12/2028

## EXPERIENCE

Teaching Assistant

**SmartByte Computer Education**

📅 04/2025 - Present    📍 Kalyan Dombivli, India

- Delivered interactive lessons in Python, HTML, CSS, JavaScript, and SQL.
  - Conducted doubt-clearing sessions, improving student outcomes.
  - Encouraged real-world applications, enhancing critical thinking and decision-making.
- Highlight your accomplishments, using numbers if possible.

## SKILLS

python programming

MySQL

HTML|CSS|WORDPRESS

Data Structures

Data Management System

## PROJECTS



### AI-Driven Fitness Advisor

Developed an AI-powered app providing personalized workout and health advice.

Integrated OpenAI API for fitness plans.



### AI Document Intelligence

Developed a document processing system using Microsoft Azure and OCR.

Extracted and analyzed data from invoices, receipts, and legal documents.



### Women's Safety Application

Built a Python-based app with real-time emergency response features.

Integrated Google Maps API and SMTP for SOS alerts.



### Gesture-Controlled Interface

- Created a hand-tracking interface using OpenCV and MediaPipe.
- Developed functionalities like volume control and content scrolling without a mouse or keyboard.

## CERTIFICATION

**Microsoft Azure Fundamentals**

Thakur College of Engineering and Technology

**Python for Data Science**

Coursera

**Microsoft Excel (Office 2019) Associate Certification**

Microsoft

**AI & Ethics Workshop**

Thakur College of Engineering and Technology