

# ATHARV TEMBHURNIKAR

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## Education

**Vishwakarma Institute of Information Technology, Pune**

2021 – 2025

*Bachelor of Technology in Artificial Intelligence and Data Science*

CGPA- 9.49

**Rajarshi Shahu Junior Science College, Latur**

2021

*HSC Science*

Percentage- 93.83

**Shri Keshavraj Vidyalaya, Latur**

2019

*SSC Schooling*

Percentage- 99.60

## Projects

**FitTip (Exercise Posture Recognition and Correction)** | *Python, Tensorflow, Keras* | Ongoing Project

- Engineering a robust posture recognition system will detect exercise according to user's posture performed in front of webcam
- Developing a convolutional neural network to assess the correctness of exercise postures based on recognized patterns, providing users with corrections to improve their form and prevent injuries.

**Snake-Master** | *Python, Reinforcement Learning, PyTorch*

- Automated classic arcade Snake Game using reinforcement learning to achieve greater best scores.
- Human playable Snake game built using pygame.
- Agent connects model and game. Agent achieves good scores after some training games.

**SkillSync** | *Python, spaCy, NLTK, KNN*

- Developed a robust resume parser enhancing the efficiency of candidate screening processes.
- Implemented Named Entity Recognition techniques to extract key information from resumes and job descriptions, enabling accurate skill and qualification matching.
- Engineered a ranking system that evaluates resumes against given job descriptions, providing a percentage match and facilitating streamlined candidate selection processes for recruitment teams.

**Kickoff Club Organizer** | *Java, JDBC, Swing, JBCrypt*

- Java, JDBC, Swing application tailored for organising football-related data, including player profiles, team information, and coach details.
- A robust login system utilizing hashing techniques for security measures, ensuring confidentiality and integrity of user credentials

## Technical Skills

**Languages:** Java, JVM(Java Virtual Machine), OOPs, Data Structures, Python

**Other Technologies:** Linux, Machine Learning, numpy, pandas, matplotlib, scikit-learn

**Developer Tools:** Git, Github

**Data Analysis:** Power BI, Tableau

**Database:** SQL

## Work History

### Competitive Examination Cell

*Associate Event Management Head*

August 2022 - September 2023

- Organised and coordinated many group discussions, career path guidance events such as officer's talk.
- Collaborated closely with cross-functional teams to plan, organise and execute various Event conducted by cell.

### Student Chapter of Society for Data Science

*Active Member*

October 2022 – March 2024

- Helped organise and coordinate multiple workshops and guidance sessions.
- Helped technical team with for assistance to Power BI, Git-GitHub workshop attendees.

## Extracurricular

- Participated in Blood Donation and Tree Plantation programs conducted by NSS, VIIT.
- Celebrated two fun evening games with orphan children at Aasara Ashram, Katraj.
- Celebrate Diwali at Matorshri Vrudhashram (Old age Home), Latur.
- Qualified and excelled many competitive examinations like International Mathematics Olympiad, Homi Bhabha Junior Scientist Examination, etc.