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- 9.47*

Rajarshi Shahu Junior Science College, Latur   **2021**
HSC Science   *Percentage- 93.83*

Shri Keshavraj Vidyalaya, Latur   **2019**
SSC Schooling   *Percentage- 99.60*

Projects

Kickoff Football 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

Web Browser | *Java, JavaFX, Multithreading*
- Developed a fully working web browser developed using Java and JavaFX.
- User can navigate web, open multiple windows, and manage browsing sessions.
- Users can enter URLs directly into the address bar to access websites quickly.

FARZI (Counterfeit Banknote Detection) | *Python, tkinter, OpenCV*
- Detects Counterfeit Indian Currency using Image Processing Techniques.
- The aim of this project is to test the authenticity of Indian currency notes by preparing a system which takes the image of currency bill as input and gives the final result by applying various image processing and computer vision techniques and algorithms.

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.

Technical Skills

Languages: Java, JVM(Java Virtual Machine), Python, HTML, CSS, JavaScript
Other Technologies: Linux, Machine Learning
Developer Tools: Git, Github, Jira
Data Visualization:numpy, pandas, matplotlib, scikit-learn, PowerBI, Tableau
Database: SQL

Position of Responsibility

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

Extracurricular

- Celebrated two fun evening games with orphan children at Aasara Ashram, Katraj
- Donated Blood and planted trees in two tree plantation programmes conducted by NSS, VIIT.
- Celebrated Diwali at Matorshri Vruddhashram (Old age Home), Latur.
- Qualified and excelled many competitive examinations like International Mathematics Olympiad, Homi Bhabha Junior Scientist Examination, etc.