ARCHIT GAIKWAD

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EDUCATION

Bachelor of Engineering in Computer Engineering   **JUN 2023 - JUN 2027**

Savitribai Phule
Pune University
Previous
Semester - 8.18
SGPA

ACADEMIC PROJECTS

Pomodoro Timer Application (Python – Tkinter GUI)

- Designed and developed a desktop-based Pomodoro Timer using Python and Tkinter, implementing work, short break, and long break cycles based on the Pomodoro technique.
- Implemented real-time countdown logic using event-driven programming with after() scheduling for accurate time management.
- Integrated audio alarm notifications and keyboard controls to enhance user interaction and usability.
- Managed application state effectively by tracking work sessions and displaying visual progress indicators using dynamic UI updates
- Technologies - Python, TKinter

Macro & Calorie Tracking Web Application (Django, Python)

- Built a Django-based web application for tracking calories and macro-nutrients with user authentication.

- Implemented backend logic for food logging, calorie calculations, and goal-based tracking.

- Added analytical views with weekly and monthly nutrition reports using dynamic data visualization.

- Integrated AI-driven features for nutrition suggestions and meal planning.

TECHNICAL SKILLS

Programming Languages - Python, C++

Framework - Django, Flask, Pandas
Database - MySQL,MongoDB