Aashish Bagmar

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About

- Python developer experienced in **automating data workflows** through **web scraping** (BeautifulSoup/Selenium) and **REST API integrations** (Python Requests). Developed practical tools including an **Amazon Price Monitor** and **Password Manager** (Tkinter), demonstrating strong problem-solving skills.
- Currently expanding into AI/ML with Pandas and Scikit-learn. Eager to contribute my automation expertise to machine learning projects.

Technical Skills

Python: Automation: Selenium WebDriver, Requests, REST APIs; Web Scraping: BeautifulSoup; GUI Development: Tkinter

Projects

Automated Amazon Price Tracker   github
- **Tools:** Python, BeautifulSoup, Requests, smtplib, python-dotenv
- Scraped product prices from Amazon using **BeautifulSoup** and **Requests** with custom headers to avoid blocking
- Implemented price-drop email alerts via **smtplib** with secure credential management using **python-dotenv**

Habit Tracker System   github
- **Tools:** Python, Requests, datetime
- Built API-based habit logger using **Pixela API** (Requests) with date-wise tracking (datetime)
- Generated simple visual progress charts from API responses

Automated Form Filler (Web Automation)   github
- **Tools:** Python, Selenium, dotenv
- Built a bot to auto-fill web forms using **Selenium**, handling dynamic elements and dropdowns
- Secured credentials using environment variables (**dotenv**)

Cookie Clicker Bot (Automated Testing)   github
- **Tools:** Python, Selenium
- Developed an automated game bot that interacts with dynamic webpage elements
- Implemented timed clicks and progress tracking

Secure Password Manager   github
- **Tools:** Python, Tkinter, JSON, pyperclip, random
- Developed GUI application with **Tkinter** for encrypted credential storage (JSON)
- Implemented secure password generation (random) and one-click copying (pyperclip)

Certificates

- Python • HTML, CSS

Education

Bachelor of Engineering - Artificial Intelligence And Data Science, Savitribai Phule Pune University, Pune   2022–2026
- Third Year: 8.71 (1st Sem) SGPA

Interests

Badminton • Volleyball