

AASHISH BAGMAR

📞 7588833694 ✉ bagmaraashish@gmail.com 🔗 linkedin.com/in/aashishbagmar 🌐 github.com/aashishbagmar

Profile

AI & Data Science undergraduate with hands-on experience in building machine learning-driven applications using Python, NLP, and REST APIs. Interested in applying AI to real-world products and business problems, with a focus on scalable and practical solutions.

Projects

AI-Powered Expense Tracker

[GitHub](#) [Live Demo](#)

- Built an AI-powered expense tracking system using Machine Learning (Logistic Regression) to automatically categorize transactions, reducing manual effort by 70–80%.
- Implemented NLP-based offline voice input with support for Indian number formats (lakh/crore).
- Developed scalable RESTful backend services using Django REST Framework and FastAPI for low-latency ML inference.
- Designed a microservices architecture separating frontend, backend, and ML services for maintainability.
- Created a responsive React + TypeScript frontend with real-time analytics dashboards.
- Enabled automated PDF financial reports and cloud-ready deployment (AWS-compatible).
- **Technologies:** Python, scikit-learn, Machine Learning, NLP, Django, FastAPI, REST APIs, React, TypeScript, SQLite, Microservices, AWS

Automated Amazon Price Tracker

[GitHub](#)

- Developed an automated Amazon price tracking system using web scraping to monitor price changes.
- Implemented secure email alerts to notify users of price drops, improving timely decision-making.
- **Technologies:** Python, BeautifulSoup, Requests, smtplib, python-dotenv

Secure Password Manager

[GitHub](#)

- Built a desktop GUI application for encrypted credential storage using JSON-based encryption.
- Implemented secure password generation and one-click clipboard copying for usability and safety.
- **Technologies:** Python, Tkinter, JSON, pyperclip

Education

Anantrao Pawar College of Engineering and Research

Bachelor of Engineering in Artificial Intelligence and Data Science (CGPA:10.00)

Aug 2022 – May 2026

Pune, India

Ashoka Universal School

Higher Secondary Education

Jun 2020 – Jun 2022

Nashik, India

Skills

Programming & ML

Python, NumPy, Pandas, scikit-learn, Machine Learning, NLP, Feature Engineering, Text Classification

Backend & APIs

Django, FastAPI, REST APIs

Frontend

React, TypeScript

Tools & Platforms

GitHub, Postman, Render, Vercel, Android Studio, VS Code

Interests

Badminton — Volleyball

Certifications

- AWS Prompt Engineering – AWS Training Online
- Data Analytics Job Simulation – Deloitte Australia (Forage)