

Aniket Bisht

github.com/Aniketbisht31

— linkedin.com/in/aniket-bisht-062520319

Education

SRM Institute of Science and Technology, Chennai

B.Tech – Computer Science (Cloud Computing)

CGPA: **8.25**

2024 – Present

Technical Skills

Languages: Python, JavaScript, TypeScript

Frontend: React.js, Next.js, HTML, CSS

Backend: FastAPI, Node.js, Express.js

Databases: MongoDB

Cloud & Tools: AWS, Vercel, REST APIs

AI & Systems: LLMs, Prompt Engineering, Web Scraping, Multiprocessing, IPC

Data & ML (Coursework): Unsupervised Learning, Recommendation Systems, Reinforcement Learning

Projects

AI-Powered Product Recommendation Engine

Next.js, React, FastAPI, Python, AWS, Web Scraping, LLMs

- Built a full-stack recommendation engine to evaluate Amazon and Flipkart products using structured data
- Implemented a scraping and normalization pipeline extracting **50+ product attributes** across sources
- Designed an LLM-based analysis workflow using prompt engineering to generate unbiased purchase verdicts
- Deployed scalable backend services on AWS using API-first architecture

Reddit-Based Stock Recommendation System

Python, Node.js, React, MongoDB, AWS, APIs, Multiprocessing, IPC

- Developed a data-driven stock recommendation system by analyzing finance-related subreddit data
- Integrated Gemini and Yahoo Finance APIs for market data enrichment
- Optimized processing using multiprocessing and IPC, reducing runtime from **600s to 200s (3×)**
- Implemented IPC-based caching to prevent API rate-limit conflicts

Wrapify (Spotify Wrapped Reimagined)

React.js, TypeScript, Node.js, Express.js, Spotify Web API, OAuth 2.0, AWS, Vercel

- Built a Spotify Wrapped-style web application with interactive listening insights
- Integrated Spotify Web API with OAuth 2.0 for secure user authentication
- Developed backend services and deployed via Vercel and AWS

SpinBot

- Built Spinbot, an open-source workflow automation platform using React (Vite), FastAPI, MongoDB, and Celery to automate MOM generation and custom pipelines.
 - Implemented secure REST APIs with JWT authentication, background job processing, 50+ third-party integrations, and 100+ reusable templates.
 - Deployed on Google Cloud Platform (GCP) with a privacy-first architecture and scalable, developer-friendly API design.
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Certifications

- Advanced Data Analytics — Google
- Data Analysis with Python — IBM
- Oracle Database Foundations — Oracle DSO
- Introduction to Physiology — University of Toronto

Achievements & Activities

- Achieved **3×** **performance improvement** using multiprocessing and IPC
- Participated in multiple hackathons, building prototype solutions under tight deadlines

