

AAYUSH ANGAL

📍 Pune, Maharashtra, India

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🐙 GitHub

SUMMARY

AI, ML, and agentic AI enthusiast skilled in Python, C++, SQL, and web technologies. Experienced in building AI-driven applications (SEEKR AI), secure web apps (Library Management System), and predictive ML models (House Price Prediction). Proficient in Supervised/Unsupervised Learning, Regression, Classification, Deep Learning (TensorFlow, PyTorch), Feature Engineering, and API Development. Certified in Machine Learning, Python, and Full Stack Development.

EDUCATION

Pune Institute of Computer Technology (PICT)

B.E. Electronics & Telecommunication

Pune, Maharashtra

2023–2027 — CGPA: 9.75 (Top 5%)

St. Xavier's School and Jr. College

HSC

Pune, Maharashtra

2021–2023 — 85.67% (Top 10%)

Samarth Ramdas Vidyalaya

SSC

Pune, Maharashtra

2021 — 89.80%

PROJECTS

SEEKR AI – Web Navigator Agent | *React.js, Node.js, FastAPI, Ollama (LLaMA 2.5 7B), Playwright, SQLite3*

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- Built an AI-driven e-commerce aggregator comparing products from Amazon, Flipkart, Croma, JioMart, Myntra.
- Integrated local LLMs (Ollama) for natural query parsing, reducing API latency by 65% and inference cost by 90%.
- Automated data pipeline (Converter → Planner → Executor → Extractor → Post-Extractor) for clean structured data.
- Scraped 1,000+ pages with Playwright at 98% accuracy, improving extraction speed by 2.3×.
- Stored structured data in SQLite3, reducing redundant fetches by 45% and improving query response by 60%.
- Developed a React.js UI with chatbot-based input, filtering, and comparison dashboard.

Library Management System | *HTML, CSS, JavaScript, Flask, SQLite3*

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- Built full-stack library app with role-based authentication and session control.
- Admin panel: issue, update, delete, return books; User panel: view books and transactions.
- Integrated SQLite3 for users, books, and issued records ensuring consistent CRUD operations.
- Implemented secure login with password hashing.
- Added real-time book availability tracker, reducing query time by 40%.
- Tested on 5,000+ records, ensuring stable multi-user interaction.

MEDS-AI: Multi-Agent Medical Diagnosis System | *Python, LangChain, NLP, APIs*

- Built an AI-powered multi-agent healthcare system handling 1,500+ queries with 92% accuracy.
- Designed specialized agents (Symptom, Literature, Case, Treatment) cutting diagnosis time by 45%.
- Integrated PubMed, EuropePMC, IndMed, CDSCO APIs retrieving 10,000+ medical documents.
- Implemented patient-friendly summarization, improving comprehension by 38%.

TECHNICAL SKILLS

Languages: Python, C++, SQL, JavaScript, HTML, CSS

ML/AI: Regression, Classification, NLP, CNN, RNN, TensorFlow, PyTorch, Scikit-learn, FastAPI

Data Analysis: Pandas, NumPy, Data Cleaning, EDA, Matplotlib, Seaborn, Excel

Tools & Databases: Git, GitHub, VS Code, Jupyter, SQLite3, MySQL, Playwright, Ollama

ACHIEVEMENTS

HacXlerate Hackathon – 1st Runner-up for AI-driven e-commerce solution.

CERTIFICATIONS

Machine Learning Course (2024)

[View Certificate](#)

Python: From Scratch to Advanced (2024; 95% score)

[View Certificate](#)

Full Stack Development (2 deployed web apps; 2023)

[View Certificate](#)

ADDITIONAL INFORMATION

Languages: English, Hindi, Marathi

Interests: Painting, Sketching (exhibited at university), Travelling, Cooking