

Ayush Chainani

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Portfolio: ayushchainani.me

SUMMARY

AI-focused engineering student with hands-on experience building LLM-powered applications, prompt engineering systems, and backend AI solutions using Python and Django. Proven ability to develop scalable, real-world AI products across healthcare, education, and recommendation systems.

EDUCATION

- **Bachelor of Engineering – AI & Data Science** Sept 2023- May 2026
P. R. Pote Patil College of Engineering & Management, Amravati CGPA : 7.82
- **Diploma in Computer Engineering** Dec 2020- May 2023
Dr. Panjabrao Deshmukh Polytechnic, Amravati Aggregate : 79%

INTERNSHIP

- **Intern - Maharashtra State Khadi & Village Industries Board , Amravati Office | May 2025 – July 2025**
 - Designed and implemented a dual-LLM architecture (Gemini + Azure) for AI-driven advisory services.
 - Deployed AI solutions for non-technical users, ensuring 100% auditability and usability.
 - Built a secure role-based authentication system, improving access control and data integrity.
- **Python Full Stack Developer Intern – Eduskills Foundation | Oct 2024 - Dec 2024**
 - Conducted data studies on agriculture datasets using Python & analytics.
 - Built dashboards that improved decision-making speed by 30%.
- **Data Science Intern – EduSkills Foundation | Jul–Sep 2024**
 - Completed a 10-week internship on ML, visualization, and optimization.
 - Delivered 3+ projects, applying ML models to real-world data.

SKILLS

- **Programming:** Python, SQL, JavaScript
- **Machine Learning:** XGBoost, NLP, Sklearn, Recommendation Systems, Feature Engineering
- **Databases:** MySQL, MongoDB
- **Cloud:** Azure, AWS (Basic)
- **Data:** Pandas, NumPy
- **AI:** Generative AI, LLMs, Prompt Engineering, API Integration
- **Backend:** Django, REST APIs, JWT Authentication
- **Tools:** Git, Postman
- **Soft Skills:** Leadership, Ownership, Client Communication, Problem Solving

PROJECTS

- **MedConnect AI – AI-Assisted Healthcare Platform| Azure, Python, Django, DRF, LLM APIs, SQL**
 - Built a multi-module AI system for symptom analysis, chatbot interaction, and doctor consultation workflows.
 - Integrated LLM-based chatbot (Gemini AI) for contextual health insights.
 - Developed a JWT-based role system (patient, doctor, admin) for secure workflows.
 - Implemented ML-based symptom analysis pipeline to improve response relevance.
- **SmartExam – AI Exam Prep Tool | Django, Tailwind, Gemini API, Render | link : <https://smartexam-0neb.onrender.com/>**
 - AI-generated practice Questions from syllabus & past papers.
 - Tested with **20+ beta users**, achieving 90% accuracy.
 - Implemented dashboard, email alerts, PDF export; led a team of 6 developers.

- **ChainaniMart Sales Dashboard – Power BI**
link : <https://github.com/Codeayu/ChainaniMartDashboard>
 - Built a multi-page sales dashboard using Power Query and DAX measures.
 - Designed a fact-dimension schema for optimized reporting and insights.
 - Added slicers, drilldowns, KPIs, and trend analysis.
- **Movie Recommendation System – Python, NLP, Scikit-Learn**
link : <https://github.com/Codeayu/MovieRecommendation>
 - Developed content-based recommendation using cosine similarity.
 - Preprocessed 5K+ movie entries with NLP vectorization.
 - Achieved sub-second recommendation response time.

ACHIEVEMENTS & EXTRACURRICULARS

- **Research Publication 2025** – Published paper on MedConnect AI in an international journal.
- 3rd Place – Hackathon 25 (Team CodeHack) | **Ranked Top 3 out of 250+ teams**
- **Winner (1st Place)** in Codethon | Outperformed 100+ competitors
- Delivered 2+ paid client projects via CodeH4ck.tech with 100% client satisfaction
- Coding Club Lead (2024–25): Organized the largest hackathon (250+ participants) on campus and conducted 4+ workshops on Git/GitHub, Generative AI tools, prompt engineering, GitHub Student Pack, and portfolio building (live demo).

Certifications

Django Essential Training	LinkedIn Learning	2025
SQL for Statistics Essential Training	LinkedIn Learning	2025
Python Data Analysis	LinkedIn Learning	2025
Microsoft Azure AI Essentials	LinkedIn Learning	2025
Python for Data Science	Nptel	2024