AYUSH JAIN

Web Developer

ayushpoonmia2003@gmail.com | +91 8390145957 | Nigdi-Pune

LinkedIn:https://www.linkedin.com/in/ayush-jain-8b6985231 || Github:https://github.com/ayushdit03?tab=repositories

EDUCATION

Dr D Y Patil Institute Of Technology Pimpri   Pimpri -Pune
Bachelors degree in - Artificial Intelligence & Data Science   july 2021 - July 2025
CGPA: 8.65

Dr D Y Patil Arts Commerce & Science Junior College   Akurdi-Pune
HSC in Science   2019 - 2021
Percentage: 86.67%

St Jude School   Dehuroad-Pune
Degree in SSC   2007 - 2019
Percentage: 76%

SKILLS

Programming Languages:	C++, Python
Libraries/Frameworks:	Html, Css, Java Script
Technologies:	Machine Learning, SQL, MongoDB

PROJECTS / OPEN-SOURCE

Book Recommendation System   *(Data Science, Machine Learning)*

Developed a cutting-edge Book Recommendation System using advanced algorithms, specifically implementing the Cosine Similarity algorithm. Explored the application of vector space modeling to enhance accuracy and relevance in suggesting readings. Surveyed foundational concepts, inner workings, and integration of collaborative and content-based filtering, resulting in a hybrid recommendation model for personalized reading suggestions. Keywords: Book Recommendation, Cosine Similarity, Collaborative Filtering, Content-Based Filtering, Hybrid Recommendation, Vector Space Model.

Property Buy And Sell Website   *(Html,Css,Javascript)*

Developed a property trading website with secure user authentication requiring Aadhaar card verification and OTP confirmation for registered users. Implemented features allowing users to list and delete properties, ensuring a streamlined experience. Incorporated an admin verification process to enhance property credibility, with a visible tick mark denoting verified listings for potential buyers. This project showcased proficiency in web development, user authentication, and database management, emphasizing a commitment to security and user-friendly functionality.

Career Guidance Bot (Smart India Hackathon)   *(NLP,Machine Learning)*

Developed a Career Guidance Bot utilizing NLP BERT transformers to analyze user responses from a comprehensive test, including interests, hobbies, and preferred fields. The system provides personalized recommendations for suitable study paths after 12th grade, enhancing decision-making for studen

Fire Extinguisher Robot   *(Sensors)*

Developed an IoT-based Fire Extinguisher Robot for real-time fire detection and suppression. Integrated advanced sensors (temperature, smoke, flame, gas) and an ESP-32 camera to enable precise localization. The robot connects to a cloud platform for remote monitoring and control, utilizing algorithms for sensor input processing, decision-making, and navigation. The project demonstrates enhanced fire response capabilities, reduced reaction times, and decreased human risk.

CERTIFICATIONS

- Complete Machine Learning & Data Science - Geeks For Geeks.
- The Complete Python Developer - Udemy.
- Machine Learning Specialization - Stanford University(DeepLearningAI).
- C++ Course - Udemy.

HONORS & AWARDS

Won 24 hours Hackathon In web Development

Ranked 1st In college level hackathon for website creation