

Ayush Jain

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

[Linkedin](#) | [GitHub](#) | [Portfolio](#)

Brief Summary

With a strong foundation in machine learning, data science, and front-end development, I excel at creating innovative, high-quality technical solutions using Python and data analysis tools. I am dedicated to driving excellence and contributing to transformative projects across diverse industries.

Key Expertise

Frontend Web Development, Python, Machine Learning, NLP, MySQL, MongoDB, Data Analysis, Data Science

Education

Dr D Y Patil Institute Of Technology Pimpri Bachelors degree in - Arti cial Intelligence & Data Science CGPA: 8.6	Pimpri -Pune July 2021 - July 2025
Dr D Y Patil Arts Commerce & Science Junior College HSC in Science Percentage: 86.67%	Akurdi-Pune 2019 - 2021
St Jude School SSC Percentage: 76%	Dehuroad-Pune 2007 - 2019

Experience

ISRO(Indian Space Research Organization) Project Intern Collaborating with senior scientists on remote sensing projects, assisting in the analysis of satellite imagery for environmental monitoring, contributing to data processing and interpretation using GIS and remote sensing software, and participating in research and development of innovative geospatial solutions	Hyderabad Aug 2024 - Present
Accenture Data Analyst Accenture North America Data Analytics and Visualization - 2024 Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture. Cleaned, modeled, and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions. Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders.	India May 2024 - July 2024
Javak Microcircuit Private Limited Data Analyst During my internship at Javak Microcircuit Private Limited, I specialized in PCB Manufacturing with a focus on Data Analytics. I developed and visualized import-export charts and analyzed costs and profits for each client using Power BI. My work involved creating detailed Power BI slides, which I then converted into a comprehensive PowerPoint presentation for the company higher officials,aiding in strategic decision-making and future planning.	Pune July 2023 - Sep 2023

Skills

Programming Languages:	C++, Python
Libraries/Frameworks:	Html, Css, Java Script, Numpy, Pandas, Seaborn, Matplotlib, Sklearn, Streamlit
New Technologies:	Machine Learning, SQL, MongoDB, Data science, PowerBI, Data Analysis, LLM, GenAI

Projects / Open-Source

Financial Statement Analysis Chatbot Github Link Key Skills: Web Development , Security Algorithm , Data Extraction , Chatbot Integration , PDF Analysis , SDLC Developed a web-based platform featuring a secure login with AES encryption and email OTP verification. Integrated a chatbot capable of interacting with users and analyzing financial data from uploaded PDFs to generate insights, such as summarizing quarterly sales. Currently in the testing and enhancement phase.	22 Jul, 2024 - 26 Aug, 2024
---	-----------------------------

Student Performance Analysis | [Github Link](#)

15 Apr, 2024 - 15 Jul, 2024

Key Skills: Machine Learning , Data Science , Analysis , Pipeline Model Architecture , GIT

I developed a machine learning model using pipeline architecture to predict student performance based on various factors. By implementing hyperparameter tuning and Gradient Boosting, I achieved optimal results and identified key factors impacting test scores through Python-based analysis and model training.

Live project link: <https://ml-project-bil7.onrender.com/>

Dentepic -A Mobile Application | [Github Link](#)

15 Jan, 2024 - 20 May, 2024

Key Skills: Team Leadership , Speech-to-Text , Analytics, Security

Led a team in developing a dental checkup app in collaboration with DPU Dental College and DIT, converting traditional procedures into a digital format. The app allows for patient data management, image capture for dental records, and speech-to-text reporting by doctors. My responsibilities included time management and overseeing the project, ensuring efficient team collaboration and successful implementation of features like report generation and forwarding to relevant client.

Live project link: <https://github.com/ayushdit03/Dentepic/tree/main/Dentepic%20apk>

Mansionify -Property Buy And Sell Website | [Github Link](#)

10 Feb, 2024 - 11 Feb, 2024

Key Skills: HTML , CSS , Javascript , API

Developed a property trading website featuring secure Aadhaar card and OTP verification, user property listing and deletion, and an admin verification process with visible verified listings. The project highlighted skills in web development, user authentication, and database management.

Live project link: <https://property2-wh04.onrender.com/home#>

Bookviber -Book Recommendation System | [Github Link](#)

13 Nov, 2023 - 04 Dec, 2023

Key Skills: Data Science , Machine Learning , Web Development

Developed a Book Recommendation System using Cosine Similarity and a hybrid model combining collaborative and content-based filtering to offer personalized book suggestions based on user preferences.

Live project link: <https://ai-book-recommendation-system.onrender.com/>

Certifications

- Complete Machine Learning & Data Science - [Geeks For Geeks](#).
- The Complete Front-End Web Development Course - [Udemy](#).
- Machine Learning Specialization - [Stanford University\(DeepLearningAI\)](#).
- C++ Course - Udemy.
- AI Primer Certification - [Infosys Springboard](#).

Honors & Awards

- Won [24 hours](#) Live Hackathon In Web Development
- Ranked 1st In college level hackathon for website creation
- Lead an industry level project with Dr D Y Patil Institute Of Technology And DPU Dental College where we have build and application for them to reduce physical appointments into online using app
- Working for a sponsored project for BE (4th year)