ARYAN ABHIJIT DESHPANDE

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Education

VIT Bhopal University, Sehore, MP, India (2022 – 2026)
B. Tech. in Computer Science and Engineering (AI and ML Specialization) ***CGPA: 8.09***

JSPM's Prodigy Public School, Pune, MH, India (2021 – 2022)
CBSE 12th Grade ***75.4%***

JSPM's Prodigy Public School, Pune, MH, India (2019 – 2020)
CBSE 10th Grade ***86.6%***

Skills

Programming Languages: Java, Python, SQL.
Databases: MySQL.
Libraries and Frameworks: NumPy, Pandas, Scikit-learn.
Tools: Jupyter Notebook, VS Code, GitHub, MS Excel, Power BI, Canva.
Photo / Video Editing Software: DaVinci Resolve, Snapseed, PicsArt, InShot.
Content Creation: Video editing, thumbnail design.

Projects

Spotify Top 50 Performance Dashboard GitHub
(Power BI, DAX, Power Query, Figma) *Sep 2025 – Oct 2025*

– Developed a multi-page Power BI dashboard to translate raw "Top 50" data into actionable insights for music analysts and marketing teams.
– Used DAX measures and Power Query transformations to analyze KPIs like artist popularity, explicit vs. non-explicit performance, and time-series trends.
– Integrated custom Figma-designed icons and backgrounds to deliver a polished, branded UI for stakeholders.

News Classifier using BERT GitHub
(Python, PyTorch, BERT, Pandas, scikit-learn) *Jul 2025 – Aug 2025*

– Developed a high-accuracy news classifier by fine-tuning a BERT (bert-base-uncased) model on a labeled datasets of over 45,000 news articles combined.
– Implemented CUDA acceleration and early stopping to achieve high validation accuracy and prevent overfitting.
– Deployed the classifier as an interactive, real-time web application using Streamlit.

Career Path Recommendation System using GPT-2 GitHub
(Python, GPT-2, NLP, Vercel, FastAPI) *May 2025 – Jun 2025*

– Developed a career advisor that recommends roles across multiple fields by combining keyword-based matching with GPT-2 text generation.
– Designed a simple interactive interface to capture user interests and follow-up answers for refined suggestions.
– Deployed on Vercel using a FastAPI backend for accessible, browser-based interaction.

Certifications

IBM: Generative AI using Watsonx
University of Michigan: Applied Machine Learning in Python

Personal Interests and Soft Skills

Languages: English, Marathi, Hindi (Fluent in all).
Tech and Gaming Enthusiast: Avid PC gamer, follows tech news, mods, digital distribution.
Creative: Skilled in traditional art (sketching, painting); passionate about cricket.
Soft Skills: Strong communication, teamwork, problem-solving and leadership abilities.