ABHISHEK PAWAR

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EDUCATION

Acropolis Institute of Technology and Research   Indore , Madhya Pradesh
B.Tech in Computer Science (Data Science)   Expected Graduation: 15 Jul 2025
CGPA: 7.00

PROJECTS

Gz - Fashion Recommendation System   Jun 2024
- Engineered a fashion accessory recommendation model using **Python**, CNN ResNet-50, and **PostgreSQL** on a Kaggle dataset of **44,000 images**.
- Optimized extraction of **2048 features per image**, mapping vectors on an n-dimensional graph, resulting in a **25% boost** in **reverse image search** precision.
- Euclidean distance to deliver 5 personalized recommendations based on user-uploaded images.
- Incorporated textual filtering and **virtual 3D try-on** features for an optimized user experience.
- Validated model accuracy with 85% precision by cross-referencing results with user feedback and iterating on filtering algorithms.

Sanjeevni: Mental Health Platform   Feb 2024
- Architected a mental wellness platform leveraging **Python3**, **OpenCV**, **Scikit-Learn** and Flask to elevate 30% interaction.
- Developed "**Ashtaang**" for real-time yoga pose detection across **8 poses**, enhancing holistic health recommendations.
- Designed an interactive chatbot **"Acharya"** facilitating mental health support by enhancing 30% user engagement.
- Implemented a personalized diet recommendation engine, curating plans from a selection of over **50 dishes** tailored to specific dietary preferences such as vegan, vegetarian, and non-vegetarian.

Sales Performance Dashboard   Dec 2023
- Constructed a real-time sales dashboard using **SQL** for data extraction and **Power BI** for visualization, tracking performance across 100+ products.
- Formulated **SQL** queries to process and analyze over **1 million records, improving data accuracy by 20%**.
- Designed an interactive **Power BI** dashboard, enabling the monitoring of sales trends, regional performance, and product profitability for 5+ regions.
- Generated insights that increased **sales decision-making efficiency by 25%**, aiding in strategic planning and revenue growth.

ACADEMIC ACHEIVEMENTS

- Secured **Top 5 position** in KRIYETA 3.0, a **48-hours National-Level Hackathon**.
- Led the **Data Science & Analytics Club (DSAC)** as **CORE TEAM MEMBER.**   Nov 2023 – Sep 2024
- **Python for Data Science** – **Cisco**.
- **Led a team of 17 members** to organize 5+ data-centric workshops and speaker sessions.
- **Data Analytics :- Cisco.**
- **Introduction To Data Science :- Cisco.**

SKILLS

Programming & Development : Proficient in Python, C, C++, **OOPS** and SQL.
Database Management : Experienced with **PostgreSQL**, PL-SQL, Oracle and MySQL.
Data Analysis & Visualization : Skilled in NumPy, Pandas, Matplotlib, Seaborn, and Business Intelligence tools like **Power BI & Tableau ..** **Emerging Technologies :** Artificial Intelligence (AI) , **Data Analytics** , **Machine Learning**. **Soft Skills :** Communication, Collaboration, Agile Mindset.