ARYA PATIL

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EDUCATION

Vishwakarma Institute of Technology (Information Technology).	Pune, India.
CGPA: 8.19	2022-2026
Ligade Patil College of Science, Karad.	Satara, India.
Percentage: 84.17	2020-2022

SKILLS

- **Programming Languages |** Java | Python |
- **Development |** HTML | CSS | Springboot |
- **Miscellaneous |** Git | GitHub | MySQL | Machin Learning | Data Wrangling | PowerBI | Postman | Pandas |
- **Course Works |** Data Structure and Algorithms | DBMS | Object Oriented Programming | Data Science | Computer Network | Operating Systems |

PROJECTS

SLEEP EFFICIENCY ANALYSIS AND PREDICTION (R) Link   2024

- Implemented Regression and Classification algorithms to analyze sleep data (Comparative analysis).
- Used statistical techniques, machine learning models (Decision Trees, SVM, Random Forest, Gradient Boosting) and various evaluation metrics (R-squared, RMSE, MAE) to assess sleep efficiency to gain insights into sleep patterns and quality.
- Gained R-squared values of 0.9 for Random Forest, 0.87 for SVR, 0.84 for Decision Trees. And used Shiny Web App for Deployment.

ANALYZING GLOBAL LAYOFFS WITH SQL Link   2025

- Executed an end-to-end SQL project on the 2022 Layoffs dataset, cleaning and standardizing data for accuracy.
- Performed exploratory analysis to reveal layoff trends across industries, countries, funding stages, and delivered yearly insights.

DECODING DATA CAREERS: A POWER BI ANALYSIS Link   2025

- Built an interactive Power BI dashboard to analyze survey data, revealing insights on salary, work-life balance, and career trends.
- Transformed raw data with Power Query to create dynamic, insight-driven visual reports.

DINESYNC (React, Springboot)   2025

- Built a full-stack QR Ordering System enabling quick, accurate table-side self-ordering and eliminating manual entry.
- Created a real-time KDS with WebSocket updates and a Manager Dashboard for order and table management and session control.
- Designed a mobile-first UI with Redux Toolkit, live cart updates, search, and location-based order validation.

CERTIFICATIONS AND ACHIEVEMENTS

- Certification in Machine Learning using Python by IBM.
- Professional Certification of DevOps by IBM.
- Certification in Introduction to Data Analytics by IBM.
- Open-Source Contributor in SWOC 2025(Contribution Link).
- Presented a paper on "Hospital Interoperability System" at the International Conference on Green Energy, 2023.
- Presented a paper on "XAI-Driven Few-Shot Malware Detection: A Multi-Modal Approach" in 2025 2nd Asian Conference on Intelligent Technologies (ACOIT).
- Published a paper in UGC Care Journal ICRTACT 2024 titled "HealthHub: Wellness Nexus based on UHI".