ISHAN PESHKAR

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EDUCATION

VIT Bhopal University — Bhopal, India
B.Tech in Computer Science Engineering; CGPA: 8.41 — *Aug 2022 - Aug 2026*

Deogiri Junior College — Aurangabad, India
Higher Secondary Certificate (HSC); 88.67% — *2020 - 2022*

Bhaskaracharya English School — Aurangabad, India
Secondary School Certificate (SSC); 99% (State Rank 10) — *2019 - 2020*

PROFESSIONAL EXPERIENCE

Cipherbyte Technologies — Remote
Data Science Intern — *Dec 2024 - Jan 2025*

- Cleaned and pre-processed 10K+ records using Pandas/NumPy, improving data quality by 25% for ML modeling
- Performed statistical EDA and visualized insights using Matplotlib/Seaborn, identifying 5 key patterns for business decisions
- Automated weekly analytics reports saving 15+ hours/month of manual work

TECHNICAL PROJECTS

Water Potability Prediction with MLOps
Python, Pandas, Scikit-learn, MLflow, DVC, Dagshub, Tkinter

- Engineered end-to-end MLOps pipeline improving model accuracy by 15% and achieving 85% prediction rate
- Managed 50+ experiments using MLflow on Dagshub with full parameter/metrics tracking enhancing reproducibility
- Deployed Tkinter application fetching production models for real-time predictions with 95% reliability
- Implemented DVC data versioning reducing dataset management time by 30%

Full-Stack Client Management CRUD Application
React.js, Node.js, Express.js, PostgreSQL, Axios, Tailwind CSS, DaisyUI

- Developed full-stack dashboard handling 1K+ client records with optimized CRUD operations
- Reduced API latency by 30% through query optimization and connection pooling
- Designed responsive UI with Tailwind CSS/DaisyUI improving load times by 30%
- Achieved 99% state synchronization between frontend-backend using Axios

Nutri-Bite Food Recommendation Platform
Machine Learning, Pandas, Flask, JavaScript, HTML, CSS

- Led 4-member team to develop Decision Tree Classifier improving recommendation accuracy by 30%
- Integrated Pandas data processing reducing meal suggestion time by 25%
- Built Flask-based web interface serving 100+ daily predictions with 95% uptime
- Implemented health metric analysis improving personalized suggestions by 40%

TECHNICAL SKILLS

Programming Languages: Python, C++, SQL, JavaScript
Data Science: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Power BI
Web Development: React.js, Node.js, Express.js, Flask, HTML, CSS, Tailwind CSS, DaisyUI
Databases: PostgreSQL, MySQL, MongoDB
Tools: Git/GitHub, MLflow, DVC, Figma, VsCode, Docker

ACHIEVEMENTS & CERTIFICATIONS

IBM
GenAI using Watsonx Certificate — *2024*

Google
Data Analytics Professional Certification — *2024*

SmartBridge
Full-Stack Developer Certification — *2024*

Providence Leap Ideathon
Pre-Finalist (Top 5%) — *2024*

LeetCode
SQL50 & Pandas Badges + 150 Days Streak — *2024*

SSC Board
School Topper & State Rank 10 — *2020*