Ishan Peshkar

Chh. Sambhajinagar (Aurangabad), Maharashtra, India
(+91) 9322984067 | ishanpeshkar@gmail.com | LinkedIn | GitHub

Education

VIT Bhopal University	August 2022 – August 2026
• Bachelor of Technology in Computer Science and Engineering.	CGPA – 8.49
Deogiri Junior College of Science and Arts	2020 – 2022
• Higher Secondary Certificate (HSC)	Percentage- 88.67
Bhaskaracharya English School	2019 – 2020
• Secondary School Certificate (SSC).	Percentage- **99**

Experience

Data Science Intern - Cipherbyte Technologies	December 2024 – January 2025

- Cleaned and pre-processed data to prepare it for modelling, performed EDA and visualized results using tools like matplotlib and seaborn. Also, developed reports to support data-driven insights.

Projects

Water Potability Prediction with MLOps | *Tech-Stack: MLflow, DVC pipeline, Dagshub, Python, Pandas, Scikit-learn* | Link

- **Developed an End-to-End MLOps Workflow:** Implemented a comprehensive MLOps pipeline to predict water potability based on over 10 key water quality metrics, utilizing tools such as MLflow and DVC. This pipeline improved model accuracy by approximately 15% and reduced deployment time by 30%**.**
- **Experiment Tracking and Management:** Utilized MLflow on Dagshub to log experiments, track model metrics, parameters, and artifacts, enhancing the transparency and reproducibility of experiments.
- **Robust Data Versioning and Model Deployment:** Employed DVC for versioning data and models, ensuring seamless data management and collaboration. Registered the best-performing model in MLflow's registry, facilitating easy deployment with an 85% accuracy rate. Built a Tkinter based desktop application that fetches the latest model from the MLflow registry and provides real-time potability predictions based on user input, ensuring accessibility and usability.

Nutri-Bite | *Tech-Stack: Machine Learning, Pandas, Flask, JavaScript, HTML, CSS, Python.* | Link

- **A Personalized Food Recommendation Platform:** Directed a 4-member team in the design and implementation of a personalized food recommendation platform utilizing Decision Tree Classifier algorithm in machine learning model, achieving a significant increase in accuracy for meal suggestions aligned with users' health data and dietary preferences.
- **Data-Driven Decision Making**: Led the integration of analytical processes with Pandas for data extraction and manipulation, improving system efficiency by 30% while producing personalized meal suggestions based on comprehensive health metrics gathered from users.
- **Cross-Platform Accessibility:** Designed and implemented a user-friendly interface for the machine learning based food recommendation model, integrated Flask for model rendering and ensuring compatibility.

Technical Skills

- **Programming Languages**: C++, Python, SQL**,** Java, JavaScript, R
- **Database Management:** MySQL, MongoDB
- **Development:** React.js, React-Native, Node.js, Flask, Bootstrap, HTML, CSS
- **Tools:** Git/GitHub, Figma, Power BI, Tableau

Certifications

- **Google Data Analytics Professional Certificate,** Coursera (2024)**.** - **Cloud Computing,** NPTEL (2024).
- **Bits and Bytes of Computer Networking**, Google Coursera (2023). - **Financial Markets Experience Program**, Finlatics (2023).

Achievements

- Pre-Finalist in the Providence Leap Ideathon (2024).
- Completed 100 Days of Code Streak Challenge on GeeksForGeeks and Leetcode (2024).
- Earned SQL50 and Pandas badges on Leetcode, also completed 150 days of problem-solving on the platform, showcasing consistency (2024). Leetcode-profile.
- Achieved School Topper status and ranked 10th in State Merit List (2020).

Responsibilities

- **Co-Lead: PR and Outreach Team | Android Club**. *[August 2023 – Present]*.
- **Equity Markets Analyst | Finlatics**. [*March 2023 - May 2023*].