

Vijay Takbhate

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LinkedIn — Kaggle — GitHub

Experience

Intern at Ujucode— Python Subject Matter Expert (June 2023)

- Cultivated strong communication and teamwork skills during an internship at Ujucode, a dynamic startup, where I served as a Subject Matter Expert.
- Collaborated effectively within the team to contribute to the company's growth and success.

Projects

Microsoft Machine Failure Detection (Nov 2023)

- Showcasing expertise in predictive maintenance with hyperparameter tuning and automatic model selection. Achieved enhanced machine reliability through advanced analytics and contributed to a comprehensive visualization page for intuitive data interpretation.
- **Used technologies:** Machine Learning, Python, Scikit-Learn, Flask, SQL.

Power BI Dashboard— Tobacco Usage Analysis (Aug 2023)

- Leveraged data analytics for insights into tobacco use in India, demonstrating data presentation skills.
- **Used technologies:** Power BI, Data Analysis, Problem Solving.

Healthy Fast Food Classification— Kaggle Notebook (Nov 2022)

- Created a Kaggle notebook earning a bronze medal, garnering 2600+ views, and enabling users to make informed, healthy fast food choices through comprehensive nutrition analysis and feature engineering.
- **Used technologies:** Exploratory Data Analysis, Feature Engineering, Problem Solving.

Pneumonia Detection 98% Accurate— Kaggle Project (Aug 2022)

- Developed a pneumonia detection model using chest X-ray images, achieving a remarkable 98% accuracy.
- **Used technologies:** Deep Learning, Computer Vision, Image Processing, Python, Jupyter Notebook.

Blogging

Data Science Blogs

- **Title:** Walk through data
- Emphasizing the pivotal role of data as the foundation of AI and its significance in data-driven decision-making.
- **Title:** AI foundation
- Exploring the evolving role of employees in an AI-driven world and advocating for continuous upskilling and adaptability in the changing workforce landscape.

Education

SVERI College, Pandharpur— Diploma (June 2018–June 2021)

- I struggled to develop my industry-suitable personality with 91.71 marks.
- I learned about hardware-related technologies and did a lot of experiments with these hardware things.

SVERI College, Pandharpur— B. Tech. (June 2021–June 2024)

- I am currently pursuing a B.Tech. degree from last year at the same college, maintaining a CGPA of 9.4+.

Achievements

- Notebook expert at Kaggle with the best rank.
- Achieved a perfect score of 100/100 in mathematics on the final exam.
- Solved 150+ problems on CodeChef.
- Attended 12+ competitions on CodeChef with 1341 ratings.
- 6+ Websites on Machine Learning ideas.
- Certified by HackerRank for problem solving.

Skills

Technical: Python programming, MLflow, Machine learning, Deep learning, Image processing, Power BI, SQL
Soft: Communication, Teamwork, Adaptability, Time Management, Critical Thinking

Languages

English (Full Professional Proficiency), Marathi (Full Professional Proficiency), Hindi (Professional Working Proficiency)