Aniket Vishwakarma

ML Engineer

Mumbai, Maharashtra, India

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Objective

Aspiring Machine Learning Engineer with hands-on experience in building and deploying ML models and applications. Passionate about leveraging machine learning and artificial intelligence to solve real-world problems through data-driven innovation.

Projects

Mood Predictor — *Python, Sklearn, Flask, Render, GitHub* | Demo   *July 2024 — July 2024*
- Created and labeled a conversational dataset to train a sentiment/mood classifier.
- Designed and deployed a Flask-based web app to predict user mood in real-time.
- Explored applications in mental health monitoring and user behavior analysis.

Music Forecast — *Python, Sklearn, NumPy, Matplotlib, Seaborn, GitHub* | Demo   *April 2025 — April 2025*
- Developed a real-world music dataset and machine learning model to predict popularity based on song attributes.
- Executed data preprocessing, feature engineering, model evaluation and hyperparameter tuning for optimal accuracy.
- Built a custom prediction function to forecast popularity and visualized data insights to enhance model interpretability.

Skills

Technical Skills	Machine Learning, Deep Learning, Artificial Intelligence, Natural Language Processing, Neural Networks, Computer Vision, Data Structures and Algorithms, Database Management, Predictive Analysis, Data Analysis, Model Deployment and Optimization
Programming Languages	Python, C, C++, Java, JavaScript, MySQL
Technologies & Frameworks	VS Code, Excel, PowerBI, Jupyter Notebook, Docker, Kubernetes, Flask, GitHub, Git, Render, Cloudflare, Vercel
Soft Skills	Analytical Thinking, Problem Solving, Critical Thinking, Time Management, Adaptability
Additional Skills	Embedded System, IoT, Automation

Education

VPM's RZ SHAH College, Mulund, University of Mumbai   *September 2021 — October 2024*
Bachelor of Science in Information Technology — 7.05/10
Wamanrao Muranjan Junior College, Mulund, Mumbai   *June 2020 — July 2021*
Higher Secondary (Science – PCMB) — 79.17%

Achievements

17th Aavishkar Research Convention, 2023
Google Analytics Certification, 2023

Extras

YouTube/AVmades