Pranali Chitre | Machine Learning Enthusiast

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Career Objective

Enthusiastic B. Tech Computer Engineering student with robust hands-on experience in machine learning and data science. Seeking to leverage my expertise in Python, TensorFlow, and data analysis to tackle complex problems and contribute to innovative data-driven solutions. Aiming to apply my skills in a dynamic environment to drive impactful results and further develop my capabilities in the field of technology.

Experience

ML Intern

Prodigy Infotech, Virtual

Internship Dec 2023 - Dec 2023 (1 month)

- Engaged in task-based assignments to hone machine learning skills.
- Worked on data preprocessing, model development, and optimization.
- Gained practical experience in applying ML algorithms to solve real-world problems.

Education

Qualification	Institution	Year	Details
B. Tech Computer Engineering	**Vidyavardhini's College of Engineering and Technology (VCET)**	**2022-2026**	**SGPA: 10, 9.15, 9.22, 9.67 (First 4 Semesters)**
12th Board Exam	**Sathaye College, Vile Parle**	**2022**	**Percentage: 73%**
SSC 10th Board Exam	**St. Francis De Sales School**	**2020**	**Percentage: 96%**

Technical Skills

Languages: Python, Java, SQL

Development: Flask, CSS,

HTML **Databases:** MySQL,

MongoDB

Data Science: Excel, Power BI, Pandas, NumPy, Scikit-Learn, Matplotlib, Plotly

Machine Learning: Computer Vision, TensorFlow, Deep Learning, Artificial Intelligence

Others: Git, GitHub, Streamlit, Visual Studio Code

Open source: Wav2Lip , Stable Diffusion , Hugging Face Transformers

Projects

1. Social Media Mastery Dashboard

GitHub : [Social Media Dashboard](#) - Developed a dashboard for managing social media across platforms, featuring authentication, analytics, trend prediction, content recommendations, and competitor analysis to optimize engagement and strategies.

2. Real Estate Property Valuation Model

GitHub : [Real Estate Price Prediction](#) - Created a platform for estimating real estate prices using ML models based on property details like square footage, bedrooms, bathrooms, and location, aiding informed decision-making.

3. Health-Care Power BI Dashboard

GitHub : Health-Care Dashboard - Designed a dashboard to visualize patient demographics and wait times, helping healthcare administrators optimize resources and improve service delivery.

4. MumbaiMoves.com - Transforming Public Transportation with AI

GitHub : [MumbaiMoves](#) - Enhanced Mumbai's bus service efficiency using ML to analyze population density, propose new routes, and optimize existing ones, creating a user-centric transportation
network.

Trainings and Certifications

1.Software Engineering Simulation – Forage(JP Morgan) Duration: June 2024 – July 2024
I developed a web application for personalized stock investment recommendations using Python, Node.js, and Git. The project utilized Flask or Django for the backend, React.js for the frontend, and SQLite or PostgreSQL for database management, simulating real-world software engineering tasks.

2.Introduction to Generative AI - Google Duration: June 2024 – June 2024
I completed a comprehensive overview of generative AI, focusing on large language models (LLMs), their architecture, and their applications in content creation and natural language processing. The study covered advanced topics such as fine-tuning and ethical considerations in AI.

3.Deep Learning for Developer – Infosys Springboard Duration : August 2024 – August 2024
In the "Deep Learning for Developer – Infosys Springboard" course, I explored advanced neural network architectures and optimization techniques. I gained hands-on experience with frameworks like TensorFlow and PyTorch, and delved into concepts such as transfer learning and GANs. By applying these skills to real-world projects, I enhanced my ability to tackle complex problems in areas like image recognition and natural language processing.

Achievements and Extracurricular Activities

- **Hackathons:** Actively participated in multiple hackathons, consistently advancing to the final rounds. These experiences have honed my problem-solving abilities and fostered innovation and teamwork.
- **Language Acquisition:** Engaged in learning **German**, reflecting a dedication to broadening my linguistic proficiency and enhancing cross-cultural communication skills.