

Nikhil Appasaheb More

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Education

Vellore Institute of Technology, Bhopal

Bachelor of Technology in Computer Science and Engineering (CGPA: 8.71)

Aug 2022 – Present

Bhopal, Madhya Pradesh

Experience

Data Analyst Intern

Prathamesh Transformers

July 2025 – Dec 2025

Sangamner, Maharashtra

- Analyzed operational and production data to improve inventory management and production planning efficiency.
- Processed and organized raw datasets to develop analytical reports and visual dashboards for management decision-making.
- Applied analytical thinking to derive actionable insights from real-world industrial datasets, enhancing operational workflow.
- Collaborated with the production team to identify data-driven solutions for reducing manual errors in resource-constrained environments.

Open Source Contributor – GirlScript Summer of Code (GSSoC)

GirlScript Foundation

June 2024 – Oct 2024

Remote

- Contributed to 12+ open-source repositories by optimizing Python backend scripts and resolving logic-based issues.
- Enhanced data handling capabilities in community projects by implementing Pandas and NumPy for efficient data processing.
- Collaborated with a global community of developers using Git & GitHub, understanding branching strategies and resolving merge conflicts.
- Improved project documentation and created automation scripts, reducing the onboarding time for new contributors by 30%.

Projects

IoT Integrated Smart Medication System Using Machine Learning for Enhanced Rural Healthcare

Apr 2025

Python, CNN (TensorFlow/Keras), NumPy, Pandas

- Developed a machine learning model using Convolutional Neural Networks (CNN) to suggest medication based on 14 different symptom categories.
- Built data preprocessing pipelines to clean and structure raw symptom data, making it suitable for model training.
- Designed the software logic to act as a digital assistant for rural areas where access to immediate medical advice is limited.
- Focused on improving the model's prediction logic to ensure reliable drug suggestions and minimize incorrect information.

MovieMatch – NLP Driven Content Recommendation Engine

Aug 2024

Python, NLTK, Streamlit, Pandas

- Created a recommendation engine that suggests movies by analyzing metadata like genres and descriptions from the TMDB 5000 dataset.
- Used Natural Language Processing (NLP) techniques such as tokenization and stemming to process and prepare text data.
- Implemented Cosine Similarity to calculate how similar movies are to each other and generate a top-10 list for the user.
- Developed a web-based interface using Streamlit to make the recommendation tool easy to use for everyone.

Technical Skills

Languages: Python, MySQL, HTML, CSS

Frameworks & Libraries: Streamlit, NumPy, Pandas, Matplotlib, Flask, FastAPI

Tools & Others: Git, GitHub, AWS, Excel

Achievements & Certifications

- **Research Publication:** Published paper titled “IoT Integrated Smart Medication System...” in IEEE ICICNIS 2025.
- AWS Academy Cloud Foundations – Ethnus, Apr 2025
- Generative AI with IBM Watsonx – IBM, Apr 2025