

Nikhil Appasaheb More

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Education

Vellore Institute of Technology, Bhopal <i>Bachelor of Technology in Computer Science and Engineering (CGPA: 8.71)</i>	Aug 2022 – Present Bhopal, Madhya Pradesh
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Experience

Data Analyst Intern <i>Prathamesh Transformers</i>	July 2025 – Dec 2025 Sangamner, Maharashtra
Open Source Contributor – GirlScript Summer of Code (GSSoC) <i>GirlScript Foundation</i>	June 2024 – Oct 2024 Remote

• 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.

• 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 <i>Python, CNN (TensorFlow/Keras), NumPy, Pandas</i>	Apr 2025
<ul style="list-style-type: none">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.	Aug 2024

• 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