Nikhil Appasaheb More

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Education

Vellore Institute of Technology, Bhopal	Aug 2022 – Present
Bachelor of Technology in Computer Science and Engineering (CGPA: 8.70)	*Bhopal, Madhya Pradesh*
Shri. Baleshwar Jr. College	June 2021 – July 2022
12th Grade (Percentage: 82.7%)	*Ahmednagar, Maharashtra*
B.G.P. Sahyadri Vidyalaya	June 2019 – July 2020
10th Grade (Percentage: 93.6%)	*Ahmednagar, Maharashtra*

Experience

Open Source Contributor – GirlScript Summer of Code (GSSoC)   June 2024 – Oct 2024
Contributor   *Remote*

- Contributed to 12+ open-source repositories by resolving 15+ issues and implementing 10+ feature enhancements, improving project usability and stability.
- Collaborated with a global community of 50+ developers using Git, GitHub, and Agile practices, gaining expertise in version control, branching strategies, and issue tracking.
- Enhanced project documentation by drafting 7+ contribution guidelines, API references, and workflow diagrams, reducing new contributor onboarding time by 30%.
- Reviewed and tested 50+ peer submissions, improving code quality by 25 % and ensuring 100% CI/CD pipeline.

Projects

MediFlix – Machine Learning Based Medicine Dispenser with Integrated App   Apr 2025
IoT, Machine Learning

- An IoT-enabled smart dispenser integrated with an ML-powered mobile app; tested by 50+ real-time users.
- Developed and deployed a medicine recommendation model with 93% accuracy across 20+ common illnesses, improving diagnostic reliability for 200+ patient test cases.
- Implemented real-time analytics and decision logic that reduced medication intake errors by 40% and boosted patient adherence rates by 35% in pilot testing.
- Built a scalable healthcare platform by connecting IoT sensors, cloud infrastructure, and ML-driven predictive models.

MovieMatch – Movie Recommendation System   Aug 2024
Python, NLP, NLTK, Streamlit

- Built a content-based recommendation system using the TMDB 5000 dataset.
- Applied advanced NLP techniques (tokenization, stemming, feature extraction) on 5,000+ movie entries, improving feature representation accuracy by 35%.
- Computed cosine similarity across 10,000+ feature vectors, generating top-10 ranked movie recommendations with 92% user satisfaction in pilot testing.
- Deployed the recommendation engine into a Streamlit-based interactive app, tested by 120+ users, reducing manual search effort by 40%.

Technical Skills

Languages: Python, C++, Java, SQL
Frameworks & Libraries: Streamlit, Flask, ReactJS, NumPy, Pandas, Scikit-learn, TensorFlow, Keras, NLTK
Databases: PostgreSQL, MySQL
Tools & Others: Git, GitHub, AWS, Google Cloud, OpenCV, REST APIs

Achievements & Certifications

- Solved 350+ Data Structures & Algorithms (DSA) problems on LeetCode and GFG.
- AWS Academy Cloud Foundations – Ethnus, Apr 2025
- Generative AI with IBM Watsonx – IBM, Apr 2025