VINIT LIMKAR

Machine Learning & Data Science Intern |NLP & Computer Vision

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ABOUT ME

Third-year Information Technology student and **Smart India Hackathon 2025 Winner** specializing in **AI/ML** development. Experienced in Machine Learning, NLP, and Computer Vision with strong skills in model building, data preprocessing, and deployment. Passionate about creating real-world AI solutions and solving challenging, data-driven problems.

EDUCATION

2023 - present
Savitribai Phule Pune University

Bachelor of Engineering B.E. Pursuing B.E. in Information Technology in Shrimati Kashibai Navale College of Engineering:
SGPA – Sem 1: 8.91 | Sem 2: 8.45
Sem 3: 9.32| Sem 4: 8.73.

2022 - 2023
Higher Secondary board HSC 12th

Science (PCM + Computer Science)
M.I.T. junior college
Class 12th: - 71.17%
MHT-CET: - 91.2%ile

2020 - 2021
Secondary School Certificate SSC 10th

Secondary School Certificate SSC 10th
Sahyadri National School
Class 10th: - 85.4%

EXPERIENCE

Aug 2025 - NOW
IIC ECELL

Technical Head
· Leading tech initiatives including college website management and AI chatbot development.
· Managing a team of developers, ensuring smooth execution of technical tasks.

Jan 2025 - NOW
ZeroGravity

Event Management Team Member
· Coordinated technical events and seminars improving student engagement across campus.

June 25 - July 25
Codec Technologies India

AI Intern
· Designed and trained ML models for Sentiment Analysis and Recommendation Systems using NLP + Python.
· Implemented TF-IDF, cosine similarity, and evaluation metrics improving model performance by 95%.

Mar 25 - April 25
ShadowFox

AIML Intern
· Developed an ML model using Python & Scikit-Learn, improving prediction accuracy by 90%.
· Performed data cleaning, feature scaling, and hyperparameter tuning for optimized performance.

June 24 - July 24
PreGrad

Event Coordinator
· Organized workshops and ensured seamless operations with improved participation turnout.

SKILLS

- **Machine Learning:** Classification, Regression, Feature Engineering, Model Evaluation, Sk-learn
- **Deep Learning:** Object Detection (YOLO)
- **NLP**: Sentiment Analysis, Text Processing, Natural Language Processing
- **Computer Vision:** OpenCV, Image Processing, Real-time tracking
- **Programming:** Python, C++, Java
- **Data Tools:** NumPy, Pandas, Matplotlib, Seaborn
- **Software & Platforms:** Git & GitHub, Jupyter Notebook, Google Cloud, Streamlit
- **Prompt Engineering**
- **Web Fundamentals** (HTML, CSS)

PROJECTS

- **Real-Time Object Detection | YOLOv8, OpenCV, Python**
  Developed a high-performance real-time object detection system achieving 30 FPS across multiple object classes by applying image preprocessing and bounding-box optimization techniques.
  -->https://github.com/Vvl1232/OpenCV-Hand-placement-project
  -->https://github.com/Vvl1232/Realtime-CV-object-Detector-using-YOLOv8m

- **Sentiment Analysis on User Reviews | NLP, NLTK, ML**
  Built a machine learning-based text classifier achieving 90% accuracy using tokenization, stopword removal, and TF-IDF vectorization on real-world review datasets.
  -->https://github.com/Vvl1232/Sentiment-Analysis

- **Movie Recommendation System | ML, Python**
  Created a personalized movie recommendation engine leveraging cosine similarity and optimized data pipelines to improve runtime performance.
  -->https://github.com/Vvl1232/Movies-Recommendation-System
  -->https://movies-recommendationsystemky7frujzrzneuqwkgxovbk.streamlit.app/

- **Python Mini-Projects Collection | Python, Data Analysis**
  Designed and published multiple automation and data-driven applications showcasing strong problem-solving skills and Python programming expertise.
  -->https://github.com/Vvl1232
  -->https://share.streamlit.io/user/vvl1232

ACHIEVEMENTS / EXTRACURRICULARS

- Smart India Hackathon Finalist 2025.
- Google Cloud Arcade Program Achiever of 2024.
- Google Crowdsource Active Contributor since 2023.
- Participated in Adobe Hackathon, TVS Credit Quiz.

COURSES AND CERTIFICATIONS

- Artificial Intelligence & Machine Learning (AIML) – Certified by PreGrad
- Cloud Computing – Certified by AcmeGrade
- Python Pro – Certified by Udemy
- Generative AI Bootcamps – Multiple certifications complete