

ANIKET PAWAR

Beed, Maharashtra, India

+91-7620693040

✉ anipawar.me@gmail.com

🌐 [linkedin.com/in/theaniketpawar](https://www.linkedin.com/in/theaniketpawar)

🔗 github.com/theaniketpawar1



aniketpawar.vercel.app

Education

LamrinTech Skills University

Bachelor of Technology in Computer Science and Engineering (AI & ML)

Punjab, India

Aug 2023 – May 2027

Jagdamba Junior College

12th Grade - Science Stream

Beed, Maharashtra

Jun 2022 – May 2023

Technical Skills

Programming Languages: Python, C++, JavaScript, SQL

Web Technologies: HTML, CSS, Node.js, Express.js, Flask, React

AI/ML Frameworks: TensorFlow, Keras, PyTorch, OpenCV, NumPy, Pandas, Matplotlib, Scikit-learn

Deep Learning: CNNs (MobileNet), LSTMs, YOLOv12, Computer Vision, Model Fine-tuning

Databases: PostgreSQL, MongoDB

Tools & Technologies: Git, GitHub, Docker, Tableau, Roboflow, VS Code, Jupyter

Data Science: Data Visualization, Machine Learning, Predictive Analytics, Feature Engineering

Projects

AntiChat - Custom AI Chatbot | *Python, LLM, Fine-tuning, React, Vercel* 2025

- Developed a custom AI chatbot leveraging open-source language models fine-tuned specifically for coding assistance and technical problem-solving
- Implemented advanced prompt engineering and model fine-tuning techniques to optimize responses for programming queries, debugging, and code generation
- Built full-stack application with React frontend and deployed on Vercel, enabling real-time interactions with fine-tuned models
- Integrated multiple open-source LLMs to provide comprehensive coding support across various programming languages
- Live Demo: antichat-second.vercel.app

Human Activity Recognition System | *Python, OpenCV, PyTorch, YOLOv12, LSTM* 2025

- Developed real-time activity recognition system using YOLOv12 for person detection and LSTM networks for sequential motion analysis, achieving robust classification accuracy
- Implemented video frame processing pipeline with heuristic tracking to extract hip movement patterns and temporal features from live camera input
- Classified multiple human activities including walking, running, and jumping using integrated Roboflow dataset for model training
- Optimized model performance for real-time inference enabling deployment in surveillance and sports analytics applications

Early Eye Disease Detection System | *Python, TensorFlow, Keras, MobileNet, OpenCV* 2024

- Engineered CNN-based medical imaging system using MobileNet architecture to classify and detect early-stage eye diseases from OCT (Optical Coherence Tomography) images
- Collected, preprocessed, and augmented medical imaging dataset for training, validation, and testing phases to ensure model robustness and generalization
- Achieved high classification accuracy in differentiating healthy versus diseased retinal scans, enabling early diagnosis and supporting clinical decision-making
- Implemented comprehensive data visualization using Matplotlib for model performance metrics and prediction confidence analysis

Customer Churn Prediction | *Python, Scikit-learn, Pandas, Machine Learning* 2023

- Led national-level IBM ICE Hackathon project focused on predicting customer churn in telecom sector using ensemble machine learning algorithms
- Analyzed customer behavior patterns and engineered features from historical data to identify key churn indicators and risk factors
- Built and optimized predictive models (Random Forest, XGBoost) achieving 87% accuracy in churn probability estimation
- Presented data-driven insights and actionable recommendations to improve customer retention strategies and reduce revenue loss

Achievements & Activities

1st Place - Reg-Fouge Hackathon: Won first position at Punjab Engineering College, demonstrating exceptional problem-solving and innovation in competitive programming environment

IBM ICE Hackathon 2023-24 (National Level): Led team project on Customer Churn Prediction, showcasing strong analytical and collaborative skills among 500+ participating teams

Open Source Contributions: Active contributor to AI/ML projects on GitHub with focus on computer vision and deep learning applications

Technical Leadership: Regular participant in hackathons and coding competitions, continuously applying technical skills to solve real-world problems

Research Interest: Passionate about AI/ML research, computer vision, and full-stack development with hands-on experience in end-to-end project lifecycle

Certifications

Tableau for Data Visualization: Completed comprehensive course on data visualization techniques, dashboard creation, and business intelligence analytics