

Areen Deshpande

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LinkedIn

Github

Education

Pune Institute of Computer Technology

BE in Information Technology

Expected May 2026

Pune, Maharashtra

Experience

LSOYS Games & Apps

February 2024 - May 2025

AI / ML Developer Intern

- Led the development of TransAgro, a platform connecting farmers with transporters across various locations, optimizing logistics through machine learning-based recommendations and real-time tracking.
- Developing an AI-powered Sales Caller capable of making real-time voice calls to customers, engaging in natural conversations, and responding dynamically as a human representative.
- Developed a pothole detection app using YOLO, DeepSORT, and MiDaS to identify potholes, estimate their depth and volume.
- Built an Instagram bot detector using XGBoost, with a custom dataset of 5,000 real users scraped via a Python automation script.
- Received a Pre-Placement Offer (PPO) of 9 LPA in recognition of overall project contributions and technical work.

Iced Automations

November 2024 - February 2025

Automation Engineer Intern

- Created and refined Standard Operating Procedures (SOPs) for operational efficiency.
- Designed and maintained automation workflows to optimize work processes.
- Enhanced productivity by streamlining internal systems and removing operational bottlenecks.
- Collaborated with team members to identify improvement opportunities and implemented solutions.

Projects

Reddit-Based Stock Sentiment Analysis | Praw , BERT , Scikit-Learn , NLTK , Pandas , Numpy | [Link](#)

- Analyzed stock-related discussions to forecast market trends using sentiment analysis.
- Utilized PRAW for seamless Reddit API interaction and BERT for tokenization and sentiment prediction.

LawGenius Chatbot | OpenAI , FAISS , Langchain , PyPdf2 , HuggingFaceHub | [Link](#)

- Developed an AI chatbot trained on Indian legal datasets to deliver accurate query responses.
- Co-designed the Streamlit frontend for intuitive user interactions.
- Upgraded from Pinecone to FAISS for improved database performance.

AgriGains | Random Forest Classifier , Linear Regression Model , Javascript , Flask | [Link](#)

- Led the development of three ML models for crop yield prediction, fertilizer suggestions, and crop recommendations.
- Built the backend using Flask and integrated seamless page navigation.
- Deployed the application online using Render.

Technical Skills

- CS Fundamentals:** Data Structures , Computer Networks , Operating Systems , Database Management Systems
- Languages:** C++ , Python , JavaScript
- Technologies:** React.js , Express.js , Node.js , Bootstrap , Flask , Git , GitHub , NLP , Deep Learning , Hadoop
- Databases:** SQL , MongoDB , PostgreSQL , HBase

Achievements

- Citi India Ideathon: Top 15 out of 500 teams.
- Solved 300 + coding problems on various coding platforms

