

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 2025 - Present

AI / ML Developer Intern

- Leading 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.

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 in **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
- Databases:** SQL, MongoDB, PostgreSQL

Achievements

- Citi India Ideathon:** Top 15 out of 500 teams.
- BIT Mesra Tech-A-Thon:** Finalist, Top 30 out of 1526 teams.
- Ranked **1st in DSA Quiz** organized by PDA at PICT.
- Secured **1st rank in Computer Science** at college level.
- Achieved **3rd rank overall** in college for 12th board exams.