

# Areen Deshpande

+91-9892253663

areendeshpande@gmail.com

LinkedIn

Github

## Education

**Pune Institute of Computer Technology**

BE in Information Technology

**Expected May 2026**

Pune, Maharashtra

## Experience

**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

**Patient Information Extractor** | Python , OpenCV , Postgre SQL , OCR | [Link](#)

- Implementing OCR to extract text from medical documents, facilitating the digitization of patient records.
- Developing a processing pipeline to handle and organize extracted patient data efficiently.
- Utilized a database to store and manage the extracted patient information securely.

**BlogMingle** | React , Redux , MongoDB , Node.js , Express.js | [Link](#)

- Developing a full-stack blogging platform that allows users to write, edit, and publish blogs with rich text and multimedia support.
- Utilized React.js for the frontend and Node.js with Express.js for the backend, ensuring a seamless and responsive user experience.
- Integrated a MongoDB database for efficient blog storage, retrieval, and categorization.

**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.
- 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, 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.