

Sayali Shete

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EDUCATION

- **International Institute of Information Technology Pune** GPA: 8.86
2025 - current
Bachelor of Engineering in Computer Engineering
- **Shramik Junior College, Sangamner** Percentage: 63.00%
2022
Class XII
- **Bhagwati Mata Vidyalaya Nandur, Sangamner** Percentage: 93.00%
2020
Class X

EXPERIENCE/Achievements

- **IEEE Women's Hackathon - Web Queen's Challenge 2025**
 - Awarded **1st place** among competing teams for creativity, collaboration, and impactful execution.
 - Built an innovative web solution to streamline job search and recruitment with features like profile creation, resume upload, smart filters, and application tracking.

SKILLS/COURSEWORK

- **Programming Languages & concepts:** HTML, CSS, JavaScript, React, Java, Python, OOP, DSA
- **Databases:** MySQL
- **Tools and ML libraries:** Power BI, Git, Data visualisation, Numpy, Pandas, OpenCV, Matplotlib, Seaborn
- **Cloud:** AWS EC2

PROJECTS

- **Blood Donation and Management System :**

Tech Stack: React JS, Node JS, Express JS, MySQL, Sequelize ORM, Rest API, JWT tokens, Axios
Built a full-stack web application to manage blood donations, requests, and inventory across blood banks.
Developed secure authentication and role-based access using JWT with HTTP-only cookies, and implemented RESTful APIs for donors, banks, camps, and stock management. Designed a relational database schema with MySQL and automated data flow for real-time inventory updates and request tracking.

- **KrishiSathi – Complete Farmer Assistant:**

Tech Stack: Python, Flask, React.js, MySQL, NLP, RAG, LightGBM, EfficientNet/MobileNet, OCR, Web Scraping, HTML/CSS/JS
Developed an integrated platform with AI chatbot, fertilizer recommendation, plant disease detection, government scheme recommendation, and equipment rental system to support farmers with real-time guidance and digital services. Implemented ML models for predictions, OCR-based soil analysis, multilingual support, and automated scheme data updates to improve agricultural decision-making.

- **YouTube Transcript Summarizer- Chrome Extension:**

Tech Stack: HTML, CSS, JavaScript, Python Flask
Built a responsive Chrome extension that extracts and summarises YouTube video transcripts to provide quick, readable insights. Implemented intelligent text chunking and BART-based summarisation to handle long-form content while maintaining context and detail.

- **CERTIFICATIONS**

- **Sep 2023:** Python add-on course I2IT, Pune
- **Sept 2024:** Introduction to Power BI Simplilearn
- **Dec 2024:** Data Structure and Algorithms (JAVA) GeekForGeek
- **Jun 2025:** SQL (Basic) &SQL (Intermediate) Udemy