

# SAYEE PANCHAL

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## SUMMARY

"Experienced software developer skilled in Java and Python, web development, and Azure. Dedicated to creating efficient and user-friendly software solutions, seeking opportunities to apply expertise and contribute to innovative software development projects."

## EDUCATION

### B.Tech (Artificial Intelligence and Data Science)

Savitribai Phule Pune University

VIIT Pune

Relevant coursework: Artificial Intelligence, Machine Learning, Web Development, Cloud Computing

Graduating May 2025

9.04 CGPA

## TECHNICAL SKILLS

**Web Development:** HTML, CSS, JavaScript, React.js, Angular, MongoDB, Express, Node.js

**Programming:** Java, Python, C, C++, JavaScript

**Cloud Computing:** Amazon web services, Azure

## PROFESSIONAL EXPERIENCE

### Codechef VIIT Pune Chapter : Design Lead.

Sept 2023 – Present

- Mentored club members, guiding design practices, and participation in external graphic contests.
- Organised and managed various events.
- Established and maintained a question series on Social Media platforms to provide regular challenges to a growing audience.

### Competitive Examination Cell : Documentation Lead.

Oct 2022 - completed

- Developed strategies and plans for the creation and maintenance of documentation throughout the project lifecycle.
- Worked closely with developers, product managers, quality assurance testers to gather information and ensure accurate documentation.
- Establishing and enforcing documentation standards, including style guides, formatting conventions, and terminology consistency.

## ACADEMIC PROJECTS

### Sign language recognition using deep learning.

Sept 2023 – present

Collaborated with a team of three members who helped in collecting the Dataset and training the model.

- we propose the development of an innovative sign language translation app.
- This app leverages cutting-edge technologies, including computer vision and neural networks, to recognise and translate sign language gestures into text and speech in real-time.
- By harnessing the power of artificial intelligence, we aim to empower speech-impaired individuals with a tool that enhances their ability to communicate with the wider world, fostering greater understanding and connectivity.

## INTRA - COLLEGE INTERNSHIP PROJECTS

### Walawalakar Hospital Pune : Project ( A signed MOU with VIIT).

Feb 2023 – partially completed

Collaborated with a team of six members who helped in developing a web application for the project on-going research by the hospital. Hospital gave us the opportunity impressed by the MeDocX project.

- **STAGE I (completed)** - Developed a web application to provide detailed analytical information about of their medical records of the patient .
- Designed a user-friendly interface with dynamic user content throughout their medical records.

- **STAGE II (on-going)** - Also, the analytics would put forth the entire medical records of the patient in a visual format so that the doctor could access it well and conveniently.

### **MeDocx (Copyrighted : Registered)**

July 2022 - completed

Collaborated with a team of five members who helped in developing a web application for the project and developed a Health-tech project which aims in storing and maintaining medical records of the user.

- Developed a web application to provide detailed information about how to fingertip access of their medical records based on user input.
- Designed a user-friendly interface with dynamic user content and scrolling functionality throughout their medical records.
- Also, provided a access window for the patient to decide their info access throughout the doctor.

### **ACHIEVEMENTS**

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- **VIZ-A-THON 2022 organised by Datametica** : Runner up (Team of four)
- **Representation to NBA for NACC accredited through college VIIT 2022** : Project MeDocX
- **SCI-TECH** : Technical flagship event of Gandharva VIIT.

### **CERTIFICATIONS**

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**Coursera:** Introduction to machine learning

**Cisco:** Introduction to Networks

**Infosys springboard:** Java for beginners: Step-by-step hands-on guide to Java