

# Sakshi Pote

## PVG's College of Engineering and Technology, Pune

9168707676

[Linkedin](#)

[sakshipote20@gmail.com](mailto:sakshipote20@gmail.com)

[Github](#)

[Portfolio](#)



### Education

Program	Institution/Board	%/CGPA	Year
B.E. (Information Technology)	PVG'S College of Engineering & Technology, Pune	9.09/10	2021-25
H.S.C	Sir Parashurambhau College, Pune	93%	2021
C.B.S.E	Sinhgad Spring Dale School, Pune	95.40%	2019

### Projects & Internships

#### 1. A deep learning tool to synthesize CT images from MRI (BE project)

AI/ML Intern at Symbiosis Centre for Medical Image Analysis

Aug 2024 – Present

- Developed a deep learning algorithm to synthesize accurate, clinical quality CT **brain images** from corresponding MRI images.
- Tools and technologies: python, reactJS, fastAPI, pytorch, 3D Slicer, ITK Snap.

#### 2. Facial recognition with image & video processing

AI/ML Intern at Fluid.Live Pvt Ltd

Jan 2024 – Feb 2024

- Developed an automated **face recognition system** that can **process video files to identify individuals with unique faces, eliminating copies and redundancy.**
- The primary goal is to create a system capable of accurately identifying faces in videos, extracting relevant information, and perform actions based on the recognized faces.
- Tools and technologies: html, css, javascript, openCV, python, tensorflow, face recognition, flask.

### Technical Skills

- Programming Languages: C++, Python, Java.
- Database Systems: MYSQL, SQL, MongoDB.
- Web Technology: HTML, CSS, JavaScript, ExpressJS, NodeJS, ReactJS, Flask, Django.
- Core Subjects: DSA, DBMS, OS, CN, OOPs, Machine Learning, Deep Learning.
- Frameworks: Pytorch, Tensorflow, Langchain.
- Tools: WordPress, Figma, VSCode, GitHub.

### Achievements/Certification

- C++ Course Completion Certificate of Excellence [by Coding Ninjas](#).
- Django 4 and Python Full-Stack Developer Masterclass [by Udemy](#).
- Deep Learning with PyTorch for Medical Image Analysis [by Udemy](#).
- Solved 300+ DSA questions using C++ across various coding platforms.
- Secured Rank 2<sup>nd</sup> in school in 10<sup>th</sup> Boards.
- Certification in HTML, Python, MySQL, AdvancedCPP by Spoken Tutorial [by IIT-B](#).

### Positions of Responsibility/Extracurricular

[Lead of Team Event Management](#) at PVGCOET's ITSA (Information Technology Students Association).

Worked as a [student volunteer](#) during PVG's Samsara and donation drives.

Involved in anchoring at various college events.