Sakshi Pote

PVG's College of Engineering and Technology, Pune

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Linkedin   Github

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 – Feb 2025**

◊ Developed a deep learning algorithm to synthesize accurate, clinical quality CT **brain images** from corresponding MRI images.
◊ Tools and technologies: nibabel, python, pytorch, numpy, matplotlib, Pix2Pix, 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: cv2, python, pickle, face recognition, flask, numpy, os.

3. Sorting Algorithm visualizer

◊ The application provides a dynamic **visual representation of sorting algorithms** including Bubble Sort, Quick Sort, Selection Sort and Insertion Sort.
◊ Key features include: Dynamic Array Generation, visualization of sorting process and user-friendly interface.
◊ Tools and technologies: CSS, JavaScript, HTML.

Technical Skills

◊ Programming Language: C++, Python.
◊ Database System: MYSQL, SQL, MongoDB.
◊ Web Technology: HTML, CSS, NodeJS, Flask, ExpressJS, ReactJS, Javascript.
◊ Core Subjects: DSA, DBMS, OS, CN, OOPs, Machine Learning, Deep Learning.
◊ Tools: WordPress, Figma, VSCode, GitHub.

Achievements/Certification

◊ C++ Course Completion Certificate of Excellence by Coding Ninjas.
◊ Deep Learning with PyTorch for Medical Image Analysis by Udemy.
◊ Solved 200+ DSA questions using C++ across various coding platforms.
◊ Secured Rank 2nd in school in 10th 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).
Member of PVG's Art Circle.
Member of Goodreads virtual Book club.
Worked as a student volunteer during PVG's Samsara and donation drives.
Involved in anchoring at various college events.
Worked as a volunteer in food distribution campaigns during Covid.

Others

ᐤ Interests: Swimming, reading and writing (poetry and prose).   ○ Languages: English, Hindi and Marathi.