Pranav Kamate

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# About me

# I am quick learner with a passion for science and technology, particularly in the areas of green engineering and neuroscience. I am currently expanding my skillset by actively learning Python programming and deepening my understanding of computational neuroscience. In my free time, I volunteer for various events and have been actively involved with the FYI club for over a year. I’m a strong team player and goal-oriented individual, always striving to make a positive impact.

# Education

# DCA Arjunnagar, Kolhapur.

# 12th with 78%

**VIT Bhopal University** Sehore, MP

*Bachelor of Technology in Bioengineering; CGPA: 7.89/10.0 Sep 2022 - May 2026*

# EXPERIENCE

# • Phytoremediation Using Seedballs

# Implemented an eco-friendly project leveraging phytoremediation to remediate soil and water pollution using innovative seedball technology. Conducted a 12-month case study in a heavy metal-contaminated site, demonstrating significant pollutant reduction and sustainable land reclamation. Key focus areas included the development of seedball formulations, deployment strategies, and monitoring plant growth and soil quality.

# Deep Learning Solutions for Early Pneumonia Detection

# This project uses deep learning, specifically CNNs, to detect pneumonia from chest X-ray images. It leverages public datasets and evaluates performance using accuracy and other metrics. The goal is to assist in early diagnosis, improving healthcare efficiency..

# Certifications

* Bits and Bytes of Computer Networking (Coursera) – Jan 2024
* **The Joy of Computing Using Python- (NPTEL)** – Apr 2024

# Skills

* Technical Skills:

PYTHON, HTML, SQL, MS-EXCEL, MS-OFFICE.

* Non-Technical Skills:

Physics, Chemistry, Bioengineering, Streaking, DNA Extraction, Biochemistry, Lab Work.

* Soft Skills:

Observative, Intuitive, Fluent in 3 languages, Goal-Oriented, Leadership.