Vitthal Humbe

2nd year AIML undergraduate with a strong command on Python, C++, Java and Linux machines. Proven engineering project records which combine theoretical DSA, OS, OOP knowledge with the full-stack web and app development skills. Passionate about delivering low-level computing projects.

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Github Profile
Leetcode Profile
LinkedIn Profile

EXPERIENCE

Bits Techno, Kolhapur — *Cloud Computing Trainee*

June 2024 - July 2024

Hands on project building on Amazon Web services (AWS) various tools such as EC2, S3, IAM, VPC etc.

EDUCATION

New Institute of Technology, Kolhapur — *UG Diploma*

August 2022- May 2025

Marks : 95.44%

Pimpri Chinchwad College of Engineering, Pune — *B.tech*

August 2025 - May 2028

Current CGPA : 8.2

PROJECTS

MyAlgo— *Multi language ML algorithms from scratch.*

Scratch-implementation of Linear Regression & ANN, integrating user-friendly Python frontend with high-performance C++ backend for optimal mathematical calculations.

Rainfall Prediction using Deep Learning— *Diploma Capstone Project, March 2025*

Detects and Predicts the amount of rainfall in Kolhapur district using ML & DL models, with 89% accuracy.

Lung Disease Prediction using CNNs— *2nd year b.tech Community Engineering Project*

Fine tuned MobileNetV2 and VGG16 CNN to classify 14 different lung pathologies using NIH X-ray image dataset.

Crew— Team Productivity Android Application

It is a mobile productivity application built using Flutter. Collaborative task system allowing student teams to synchronize assignments in real-time.

SKILLS

Languages : Java, C++, Python, JavaScript

Frameworks : Next, Node, Express, Flutter(Android)

Libraries : React, Numpy, Matplotlib, Pandas, etc

Tools : Git/Github, Postman, google colab, VS code, Linux (Fedora)

Databases : MySQL, SQLite, Firebase, MongoDB

Cloud : AWS

AWARDS

New Institute's meritorious student award of year 2025 from AIML branch.

Digifest 2024 Ideathon winner – New Institute of Technology.

LANGUAGES

English, Hindi, Marathi

HOBBIES

Drawing, Painting, Cycling, Writing.