

EDUCATION

BSC IN STATISTICS

ABASAHEB GARWARE
COLLEGE,PUNE

Pune,India | May-2022

HIGHER SECONDARY (HSC)

LAXMANRAO APTE JUNIOR
COLLEGE,PUNE

Pune,India | May-2018

SECONDARY (SSC)

ST.JOSEPH'S BOYS HIGH
SCHOOL,PUNE

Pune,India | May-2016

SKILLS

PROGRAMMING

Languages

•Python •Javascript •SQL
•MySQL •HTML •CSS

FRAMEWORKS

•DJANGO •OpenCV •RESTAPI
•Numpy •Flask •Pandas

DEVOPS

•Docker •Git •Github
•Gunicorn •Whitenoise

COURSEWORK

•Data Structures and Algorithms
•Machine Learning •Statistics
•System Design

ACHIEVEMENTS

•Bronze Pull Shark(Github Open
Source Contributions)
•State Level Footballer
•Athletics at Competitive level

LINKS

[Linkedin](#) [Github](#) [Blogs](#) [Twitter](#)

Experience

MACHINE LEARNING INTERN AT YHWORKS

Pune,India | April 2024 - Present

- Built a **object detection system** using **Python**, **YOLO(CNN-based)**, and **OpenCV**, achieving a precision rate of **95%**, and enhanced it with a **color detection** feature using **k-means clustering** to identify **dominant colors** for each detected object.
- Utilized Python's **OpenCV** for **image preprocessing**, extracting **pixel RGB values** to identify and isolate **dominant colors**, resulting in a more than **50%** enhancement in **processing speed**.
- Integrated the system into a **Django** web application for detecting **objects** from **images** and **videos**, **reducing processing time** by 40%.

PROJECTS

[s.com](#) :A VIRTUAL TRY-ON WEB APPLICATION USING PYTHON, REACT AND DJANGO

Pune,India | July 2024 - Present

- Implementing a virtual try-on feature using React, Django, and Python, leveraging **YOLO deep learning model** and **DeepFashion dataset** to **enhance user** engagement and **shopping experience**.
- Developing a dynamic and responsive UI in React for **instant previews** of clothing items.

[s.com](#) :FULL-STACK DJANGO APPLICATION WITH REVIEW, WISHLIST AND USER AUTHENTICATION

Pune,India | Feb 2024 - April 2024

- Developed and maintained a web application using **Python**, Django, and related technologies, resulting in a **25% increase** in user engagement and a **20% improvement** in platform functionality.
- Designed **RESTful web services** and **APIs**, resulting in a **25% increase** in application functionality.
- Implemented custom Python code to extend **Django** application, resulting in a **30% reduction** in development time and a **15%** increase in overall code quality.
- **Tech Stack: PYTHON | DJANGO | JAVASCRIPT | POSTGRESQL
DJANGO REST FRAMEWORK | HTML | CSS**

OPEN-SOURCE CONTRIBUTIONS([Contributions](#))

- Apple Inc. - Webkit | Microsoft - Data Science for Beginners | Facebook - IOS-SDK | PyTorch | OpenAi

DIALECT DECODED:PRECISION ANALYSIS AND STATISTICAL INSIGHTS INTO LANGUAGE PLATFORMS

Pune,India | JUN 2023

- Emphasizing the practical application of **statistical analysis** in assessing the precision of **five translation platforms** (**Google, Microsoft Bing**, Yandex, Lingnavex, Translateking) across **three distinct languages** (English, Marathi, Hindi).
- A comprehensive **dataset of 6000 sentences** was curated using **RSG**
- Statistical methodologies-**Box-Cox Method,Fisher's Exact Text.**