

# MAYUR PIMPUDE

## ML Enthusiast & Software Developer

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in mayur-pimpude MayurPimpude

## EXPERIENCE

### ML Engineer

#### Future Gen AI

May 2024 -- June 2024 Mr. Suraj Sharma

- Implemented efficient RAG models with OpenAI and managed scalable FastAPI backend services.
- Optimized prompts to minimize token usage, reducing computational costs and maintaining response quality.

### AI/ML Intern

#### Godrej & Boyce

Nov 2023 -- Jan 2024 Mr. Harmit Bhambra

- To Develop AI/ML Based Applications in Inspection Processes that reduced defect by 90% in application.
- Developed a Computer vision model using ultralytics Yolo v8 nano model & integrated on Raspberry Pi .

### Full Stack

#### IIT Bombay

Jan 2023 -- June 2023 Dr. Alankar Alankar

- Full Stack Developer with expertise in React and Flask, responsible for developing a research paper information extraction application.
- Developed a research paper information extraction application that reduced data extraction time by 50% & present in a tabular format

## EDUCATION

### B.E. in AI & DS

#### Vivekanand Education Society Institute Of Technology

Oct 2020 -- June 2024 CGPA: 8.94

### Higher Secondary in Science - PCM

#### Pace Jr. Science, Thane

July 2018 -- May 2020 Percentage: 82%

## # COMMUNITY SERVICE



#### Child Vision Foundation NGO, Volunteer

Planned and executed events for an NGO supporting individuals with disabilities; Led inclusive events for 100+ individuals with disabilities, enhancing their experience.



#### AI CoLegion, Treasurer

Secured sponsorship from GFG for a successful hackathon event.

## LANGUAGES

English | Hindi | Marathi | Gujarati | German

## PROJECTS

### Skin Disease

Dec 2022 -- Feb 2023

- Built a website that achieved an accuracy rate of 95% to detects skin & hair disease type from provided image.
- Generates report & Openai chat-bot is integrated.
- Used Flask, Tailwind, VGG and Resnet models.

### Voice Authentication

Jan 2023 -- Jul 2023

- Developed Speaker recognition system as a multifactor authentication system. It has 98% accuracy.
- This would reduce over 40% frauds & save upto 20% of users time.
- Utilized GMM, XGBoost, Flask, Tailwind CSS, and Twilio .

### Chat with Documents

Dec 2023 -- Jan 2024

- Developed a website for document uploads, offering streamlined chat interactions for efficient insights.
- Drastically cuts document comprehension time by 90%, showcasing a commitment to user-friendly solutions.
- Utilized Streamlit, LLM, Langchain

## AWARDS

- WeldRight Techfest, IITB**  
1st in National level hackathon which was conducted by IITB for Godrej & Boyce Company.
- BASIC-24 Business Planning**  
1st in National level competition conducted by Vivekanand Business School on 16th Feb,2024
- Invictus , ISTE VESIT**  
2nd in intercollege hackathon developed a crime management system held on 2022

## COURSES

### 1. NVIDIA Deep Learning Fundamental

Jan 2020

### 2. NVIDIA Applications of AI for Predictive Maintenance

Oct 2023

### 3. NVIDIA Rapids

Oct 2023

## SKILLS

Machine Learning | Full Stack | Flask  
Tailwind CSS | Bootstrap | GitHub | Next.js  
Sanity | PowerBi | Firebase | LaTeX