

Digvijay Dattatray Patil

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EDUCATION

D Y PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY

Bachelor of Engineering

Major in Computer Science (Artificial Intelligence and Machine Learning)

Cumulative GGPA: **8.4/10**.

Relevant Coursework: Artificial Intelligence; Machine Learning; Data Structures & Algorithms; Programming; Database

KOLHAPUR, MH

Expected **May 2024**

CHATE JR. COLLEGE OF SCIENCE

HSC State Board

HSC Percentage: **70.77%**.

KOLHAPUR, MH

2020

SHREE NAGESHWAR HIGHSCHOOL

SSC State Board

SSC Percentage: **90.20%**.

RASHIWADE BK, KOLHAPUR

2018

EXPERIENCE

AUSPIAN TECHNOLOGIES

Trainee Programmer, Intern

Kolhapur, MH

Jul. 2022

- Successfully built a Text to speech responsive web application that reduced reading efforts, saved time.
- Designed the HTTP client architecture which utilized AWS Polly API to convert written text into natural sounding speech.
- Conducted thorough testing and debugging to ensure the application's functionality and performance.
- Improved user experience by incorporating features like adjustable speech speed and volume control.
- Implemented HTML, CSS and JavaScript to create an interactive and user-friendly interface for the application.

UNIVERSITY PROJECTS

KNAPDS: KNOWLEDGE NAVIGATION AND AI-POWERED DOCUMENT SUMMARIZER **Dec. 2023**

- Spearheaded the development of an innovative automated summarization application within team of 5, resulting in a substantial time-saving of up to 50% for users grappling with information-rich PDF documents.
- Implemented Natural Language Processing (NLP) techniques through LLM, OpenAI API and LangChain, enhancing document comprehension and enabling users to obtain concise summaries, streamlining information assimilation and decision-making processes.

FACIAL BIOMETRIC BASED AUTOMATED ATTENDANCE MANAGEMENT SYSTEM **May 2023**

- Led and executed a face recognition application within a team of 4, utilizing Python, OpenCV, Pandas, NumPy, Flask, and Haar cascade.
- Diminish manual effort by automating the attendance marking process, resulting in saving an average of 4/5 hours per week.
- Generated detailed attendance reports in seconds, a 95% reduction in report generation time.
- Provided a user-friendly interface with seamless integration of web technologies like HTML, CSS for a smooth user experience.

SMILEY **Dec. 2022**

- Created an innovative application called SMILEY using Python, OpenCV and Haar cascade with a team size 4.
- Incorporated intelligent algorithms to optimize selfie capturing by triggering the camera at the perfect moment when a genuine smile is detected.
- Enhanced the application's visual appeal with HTML and CSS, contributing to a 25% increase in user engagement and retention.

ACTIVITIES

DJANGO WORKSHOP

Coordinator

DYPCET, Kolhapur

Dec 2021

- Coordinated a Django Workshop, which aimed to provide training and hands-on experience to 150 students.
- Collaborated with a team of instructors to deliver 15 comprehensive training sessions on Django, covering basics, advanced concepts, and practical applications, resulting in an overall participant satisfaction rate of 85%.
- Assisted 100% of workshop participants in setting up their development environments, ensuring a seamless and efficient learning experience.
- Recognized for my efforts as a coordinator by receiving a certificate of appreciation for successfully organizing the workshop.

ADDITIONAL

Achievements: 1. Smart India Hackathon 2023 Top 6 Grand Finalist all over India.

2. Code Racer TY Rank 20 in coding competition at college.

Technical Skills:

C | Python | R | HTML | CSS | OpenCV | NumPy | Pandas | SQL | MySQL | MongoDB | Flask | Django | Git |
GitHub | Windows | Ubuntu | Jupyter Notebook | VS code |

Certifications & Training:

- AWS Cloud Foundations, AWS Machine Learning Foundations - AWS Academy
- Prompt Engineering for ChatGPT - Coursera
- Python and Flask Framework Complete Course - Udemy

Languages: English | Hindi | Marathi