Digvijay Dattatray Patil

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EDUCATION

D Y PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY   KOLHAPUR, MH
Bachelor of Technology Computer Science (Artificial Intelligence and Machine Learning)   **May 2024**
    Cumulative GGPA: **8.4/10** (till 3rd Year)
    Relevant Coursework: Artificial Intelligence; Machine Learning; Data Structures & Algorithms; Programming; Database
CHATE JR. COLLEGE OF SCIENCE   KOLHAPUR, MH
    HSC State Board   **70.77%**   **2020**
SHREE NAGESHWAR HIGHSCHOOL   KOLHAPUR, MH
    SSC State Board   **90.20%**   **2018**

EXPERIENCE

AUSPIAN TECHNOLOGIES   Kolhapur, MH
Trainee Programmer, Intern   **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.

PROJECTS

KNAPDS: KNOWLEDGE NAVIGATOR AND AI-POWERED DOCUMENT SUMMARIZER   **May 2024**
- Development of an innovative automated web application within team of 5, resulting in a substantial time-saving of up to 50% for users grappling with information-rich documents.
- Implemented OpenAI Assistant API to enhance files comprehension, enabling users to obtain concise summaries and streamline information assimilation and decision-making processes.
- Django framework to create a scalable platform, reducing processing and enhancing user interaction.

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.
- Developed 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   **DYPCET, Kolhapur**
Coordinator   **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%.
- Recognized for my efforts as a coordinator by receiving a certificate of appreciation for successfully organizing the workshop.

ADDITIONAL

Achievements: 1. Grand Finalist in Smart India Hackathon 2023, ranked in the **Top 6 in India**, competition held at Odisha.
        2. Secured 20th position in Code Racer TY coding competition held at DYPCET, Kolhapur

Professional Development: Attended **NASSCOM Technology & Leadership Forum 2024** at Mumbai. Learned about the latest trends in AI and its impact on various industries. Expanded professional network by connecting with industry leaders.

Publications: Title: **KNAPDS: Knowledge Navigator and AI Powered Document Summarizer** Presented at National Conference on Smart Electronics: Engineering the Future of Intelligence 2024 Rajampet, 20 April 2024 (Pending Publication).

PyPI Package: 'facify' – The functionality of this library is detecting and extracting human faces form images.

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:
- IBM AI Engineering Professional Certificate - Coursera (on going)
- AWS Cloud Foundations, AWS Machine Learning Foundations - AWS Academy
- Prompt Engineering for ChatGPT - Coursera