

Shreenath Khadap

Pune, Maharashtra

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Education

Dr. D.Y Patil Institute of Technology (SPPU)

B.E Computer Science CGPA 8.34/10

Aug. 2020 - June 2024

Pune, Maharashtra

B.J.S Junior College

HSC 67.23%

May. 2019 – Feb 2020

Pune, Maharashtra

V.S.Satav High School

SSC 87%

Mar 2016 – Mar 2017

Pune, Maharashtra

Experience

Sanspots Private Limited

October 2022 - Nov 2023

Software Developer Intern

Remote

- Developed and maintained admin, company, and student dashboards for the Jobfair project, providing users with a centralized view of their data and functionality.
- Designed and implemented robust database structures using MySQL to efficiently store and manage extensive company and student data, ensuring that the data was accessible and secure.
- Developed secure user authentication systems, including registration and login forms, safeguard sensitive information and prevent unauthorized access with PHP.

Innotek IT System LPP


July 2021 - Oct 2021

Web Application Developer Intern

Remote

- Developed a fully responsive logistics management website from scratch, ensuring optimal performance on all devices.
- Utilized Python Django framework for robust backend development and Firebase as the database to manage and store critical logistics data.
- Implemented a user-friendly frontend using HTML, CSS, and JavaScript to enhance the website's usability and visual appeal.

Projects

PDF2AudioBook | *Python, Pytesseract, GTTS* | **Link** 

November 2022

- Developed a Python-based PDF-to-audiobook conversion system, enhancing accessibility to textual content.
- Utilized Pytesseract for precise text extraction, ensuring accurate conversion even from image-based PDFs.
- Integrated the GTTS API to create high-quality MP3 audio files from extracted text. Contributed to improved accessibility and user-friendliness in content consumption.

Movie Recommender System | *Streamlit, Pandas, Numpy, Pickle* | **Link** 

Jan 2023 - Feb 2023

- Developed a movie recommendation system using the **TMDB dataset** of movies and various **Python libraries**, also Implemented the Recommender System as a **Web application**.
- **Technology used:** Data handling, Data Visualization, Python Modules such as **Streamlit, Pandas, Pikle, Numpy** etc.
- Deployed the recommender system as a web application using Streamlit.

Sentiment Analysis through Word Cloud | *Python, Wordcloud, nltk sentiment analyzer.*

May 2023 - Sep 2023

- Developed an application that could perform sentiment analysis of any platform and display the output in the form of word cloud.
- Leveraged the VADER model, boasting a remarkable 95% accuracy, surpassing the performance of traditional deep learning models, with a sustained real-world accuracy rate of 90%.

Stable Diffusion with Explainable AI | *Diffusers, Pytorch, Lime, Shap etc*

Aug 2023 - Present

- Investigating Stable Diffusion text-to-image model integration with Explainable AI to enhance user understanding.
- Pioneering state-of-the-art integration of Stable Diffusion and XAI technologies for improved model transparency and interpretability.
- Leveraging tools such as PyTorch, LIME, SHAP, and more to facilitate advanced research and development.

Technical Skills

Languages: C/C++, Python, HTML/CSS, JavaScript, SQL, PHP ,Django, Firebase.

Soft Skills: Leadership, Multitasking, Time-management, Communication, Problem-Solving.