# Karmukilan V

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## EDUCATION

- **Sastra University**                                                    Thanjavur , Tamilnadu
  *Bachelor of Technology - Information Technology*                    *July 2020 - June 2024*
  ***Courses:*** *Artificial Intelligence, Data Structures, Analysis Of Algorithms,Operating System , Machine Learning, Networking, Databases*

## SKILLS SUMMARY

- **Languages**:   Python, HTML, CSS, C++
- **Frameworks**:   Langchain ,Streamlit ,NLTK ,TensorFlow ,Keras , Django,NodeJS
- **Tools**:   Docker, GIT
- **Soft Skills**:   Leadership, Event Management, Writing, Public Speaking, Time Management

## EXPERIENCE

- **HP**                                                                  Hyderabad , Telangana
  *Artifical Intelligence Intern (Internship)*                          *June 2023 - July 2023*
  - **Better Onboarding**: Chatbot based on Onboarding documents so that freshers can have their doubts cleared.
  - **Better Analaysis**: Chatbot based on User Excel sheets so that Financial experts can ask the bot questions based on comapany Financial data.
  - **Better Security** : As chatbots like ChatGPT exists already which isnt very secure , this software is built on open source code.
- **Minibyte Technologies**                                                          Remote
  *Data analyst(Internship)*                                   *August 2023 - September 2023*
  - **Insights and Recommendations**: Created a detailed report on Sales data which was given to me and identified areas of improvement, potential opportunities, or issues that require attention.
  - **Data Analysis**: Perform exploratory data analysis (EDA) to uncover patterns, trends, and relationships within the sales data.
  - **Data Visualization**: Create clear and informative visualizations (charts, graphs, etc.) to present key insights and findings.

## PROJECTS

- **Opensource ChatBot based on user data with persistence (Transformers , NLP, Langchain,Streamlit)**: Open source Large Language model search engine for bringing Better Security , Analaysis , Onboarding to small & mid scale enterprises. Tech: Python, TensorFlow (July '23)

- **Hairline removal (OpenCV , Machine learning)**: Automatic hairline detection: The tool automatically detects hairlines in portrait images, reducing the need for manual intervention.Hairline removal: Once the hairlines are detected, the tool effectively removes them while preserving the overall appearance of the subject.Customization: Users can fine-tune the hairline removal process through various parameters to achieve the desired result,Batch processing: The tool supports batch processing. Tech: Python,OpenCV. (March '23)

- **Stock price prediction(Machine Learning , Tensorflow , BeautifulSoup , LSTM , )**: After scraping the historical stock data from NASDAQ for the specified symbol and date range. Then, normalizing the data using Min-Max Scaler. This model is defined with two LSTM layers and two Dense layers, followed by training and prediction. Tech: Python (Dec'22)

- **Personal portfolio(Web Development)**: Personal portfolio for showcasing personal projects , about section ,contact section and downloading resume . Tech: HTML, CSS JavaScript (April '23)

- **Movie ticket App UI(Figma)**: Created a movie ticket booking app UI in Figma using Minimalist UI following the 6 laws of ux such as proximity, similarity, continuity, common region, closure, and figure-ground ( May '23

## COURSES AND CERTIFICATIONS

- Silver in Introduction to Industry 4.0 and Industrial Internet of Things(NPTEL) - Oct, 2022
- Completed web development course in Udemy
- Participated at International Conference on Wavelet Analysis and Graph Theory, 2022

## POSTION OF RESPONSIBLITY

- Personal substack (mukireviews.substack.com) Where I personally write about my review about everything I find useful and stuff I think others should avoid -(June 2023-Present)
- Daksh Content writing: Responsible for writing content which is published for techfest called as DAKSH-(Oct'2021-Present)
- Daksh Marketing : Responsible for bringing in sponsors for the techfest called as Daksh -(Oct'2021-Present)