

# SRUJAN PR

## Experience

### Intern, Trawello Healthcare

- Collaborated with a team to develop a comprehensive UI/UX report for the company's website.
- Conducted research, analyzed user experience, and provided design recommendations to enhance usability.
- Successfully completed the project within a one-month internship.

## Projects

### RAG Based Chatbot

- Developed an AI-powered chatbot for our college website using LangChain and FastAPI.
- The chatbot leverages the knowledge base of college information (FAQs, policies, events) to provide quick and personalized assistance to students and faculty.

### Object Detection

- YOLOv11-based object detection model for real-time identification of elephants, tigers, and humans.

### Sorting Visualizer

- Developed an interactive visualization tool to demonstrate the inner workings of various sorting algorithms like Bubble Sort, Merge Sort, Quick Sort and many more
- Facilitates learning and understanding of sorting algorithms through dynamic visual representations and user-friendly interface.

### PDF Summarizer Bot

- Developed an AI-powered PDF summarizer bot utilizing Gemini and Retrieval Augmented Generation (RAG) techniques.
- This bot effectively extracts and summarizes key information from PDF documents, providing concise and informative summaries.

### Movie Recommendation System

- Developed a movie recommendation system leveraging Gemini for movie suggestions based on genre/title input, and OMDb API for retrieving and displaying movie posters, ratings, and details. This project showcases skills in API integration, natural language processing, and front-end development.

## Contact

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## Skills

- AI&ML Python Java UI/UX Design
- Database Management React
- Data Analytics Web Development
- C Programming Problem Solving
- Power Bi Pandas

## Certifications

Web Development  
Udemy

AI Fundamentals with IBM SkillsBuild  
IBM & Cisco Networking Academy

Python Professional Certificate  
OpenEDG Python Institute & LinkedIn

## Education

BE in Information Science & Engineering  
JSS Academy of Technical Education

2022 - Present Bangalore, India

Schooling

Presidency School

2010 - 2020 Bangalore, India