



WINSON

PROJECTS

1 AI-Powered Text Analysis Tool

The described manner outlines a comprehensive approach for answering questions using natural language processing techniques and a mixture of models. This interactive query feature uses advanced machine learning algorithms to understand and answer user queries. It can handle a wide range of questions, giving users valuable insight into their documents. This feature greatly enhances the overall functionality of our interface, making it a powerful tool for managing and understanding **PDF documents**. Future development will focus on driving the accuracy and quantity of **AI-enabled** responses effectiveness, and integration of more advanced **natural language processing** techniques towards solving complex queries.

2.SMART VISION GLASS

Our goal is to create a head-mounted gadget with a built-in GPT-4-based visual aid, touch controls, and a camera. With the help of this gadget, people with visual impairments will be able to access and comprehend their environment more efficiently. The GPT-4-based assistant provides scene descriptions, and text-to-speech capabilities improve accessibility by turning written and printed material into voice. Furthermore, facial recognition facilitates individuals identification in the vicinity, encouraging self-reliance and social engagement. The development and distribution of this revolutionary device will be facilitated by collaboration with technology experts and organizations that support visually challenged individuals, and accessibility still need to be addressed.**Hardware Tools Used(Raspberry Pi Zero,Touch Sensor,Display) And Software Tools Used(OpenAi,Google Cloud Vision,Python**

3.Co-Worker Rental Office (UI/UX Design)

Developed a user-friendly UI for a coworker renting office application that runs on both mobile and web platforms. To achieve cross-device accessibility, we focused on straightforward navigation, seamless user experience, and responsive design concepts. Figma was used to create high-fidelity prototypes that allowed stakeholders to see and interact with the eventual product.Created a fluid and flexible design to offer a consistent user experience across all screen sizes. Ensured that the design matched the brand's visual identity, including color schemes, typography, and iconography.**Hardware tools (Figma, Adobe XD, and Sketch).**

Certified

MongoDB (02/2024)

<https://www.credly.com/badges/7308ee96-be09-4a74-ae47-cfd877e56938>

Contacts

- +91 8248275077
- winson4439201@gmail.com
- <https://www.linkedin.com/in/winson-r/>
- Bommanahalli,Bangaluru
- <http://winsonr.me/>

About Me

As a B.E. in Computer Science Engineering, I succeed in fast-paced workplaces, collaborate effectively, and work well under pressure. I am passionate about Python development, which helps me to find satisfaction in both individual and collaborative projects. I have a strong interest in neural networks, which drives me to set and achieve ambitious goals. As a web and mobile app developer with Python knowledge, I am dedicated to open-source ideals and am well-positioned to make major contributions to the rapidly developing field of digital innovation.

Education

Bachelor of Engineering(BE)
Francis Xavier Engineering College
August 2020 - May 2024

HSC & SSLC

School University
Don Bosco Matric Higher Secondary School

June 2018 -April 2020

Skills

- Python
- GIT, Linux
- Mongodb
- Three.JS & GSAP
- Figma ,Canva
- UI/UX Design & Web Developer
- AWS ,NLP