OJAS P JOSHI

•9325773460   •ojaspjoshi1729@gmail.com

Linkedin - https://www.linkedin.com/in/ojas07/

SUMMARY

Passionate Machine Learning, Generative AI, and Deep Learning Expert with a proven track record of optimizing project outcomes. Skilled in strategic project management. Seeking a challenging executive role to leverage technical expertise and drive engineering excellence.

PROJECTS

Intelligent Chatbot   September 2023

- **Description** - Developed an interactive **Chatbot** using **OpenAI GPT-3.5 turbo.API** and integrated it into a **React** based webpage.
- Designed a chat interface to ask question and get completed JSON response; reduced manual **Google search effort by 20%**
- Demonstrated strong technical skills in software development, **API** Integration, and **NLP** techniques which contributed **40% Increase** in chatbot's response time.
- Skills - React , OpenAI , NLP

Potato Plant Leaf Disease Classifier   November 2023

- This advanced plant leaf disease detection system boasts an impressive **accuracy rate of 99.87%**, effectively identifying ailments such as early blight, late blight, and more.
- The deep learning model was developed utilizing Convolutional Neural Networks (**CNN**) with **Tensorflow** and **Keras** libraries.
- Deployment of the model is facilitated through the **Streamlit** framework
- Skills - Tensor Flow , Keras , Stremelet

Image Captioning using Vision Transformer   Feb 2024

- Implemented a **vision Encoder-Decoder** architecture model to encode input image into **hidden vectors** and decode the same into human language.
- Fine tuned **Microsoft's Swin vision Transforme**r with **COCO2017 dataset** and used **GPT3.5** as the decoder model.
- Evaluated the model on sampled dataset from **COCO2017** and achieved **ROUGE-L & BLEU** score of **39** and **10.3** respectively
- Skills - NLP , Computer Vision , Pytorch

SKILLS

Programming Languages - Python, Java, SQL, Javascript, Typescript

Artificial Intelligence - NLP, Image Recognition, Machine Learning, Generative AI, Computer Vision

Web Development Frameworks - Tailwind CSS, React, Next.js, Spring Boot

Tools and Technologies - Git, Github, Docker

EDUCATION

Pursuing B(Tech) 3rd Year

  Deogiri Institue Of Technologies and Management Studies - CGPA(7.7 / 10)

Higher Secondary XII - Percentage(89.5 / 100)

Secondary School X- Percentage(81 / 100)