KISHAN PAYADI VISIT PORTFOLIO

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Education

Maharaja Agrasen Insititute of technology

B. Tech AI&ML

Relevant Coursework/Skills

- Data Structures • Operating System
- Database Management • Artificial Intelligence

Projects

HyperParameter Tuning of Genetic Algorithm | Research Paper, Code, Blog

• Tuned hyperparameter namely survival threshold, Elitism, activation function, fitness criterion, the population size of the Genetic algorithm. Using the Flappy Bird game as a testbed.

• Machine Learning

Deep Learning

- Implemented the game, Integrated Neat Library, generated Dataset, did the Exploratory data analysis, wrote a research paper in collaboration, and presented a paper
- Shortlisted in Elsevier publication, scopus and crossref during ICDAM and HINWEIS conference.
- Skills used-: Pythonic development, game development, Data science, Statistics, research.

OneClick Chatbot solution | *Github*, *Blog*

- SAAS Application.
- Create the entire pipeline of your ChatBot Backend using in just a few clicks
- Upload your document, give custom instructions and custom configurations and we will provide you with a custom API key that can be integrated with your frontend
- Skills used-: GenAI, Django, Postgres, supabase, vector database, RAG, Gemini, Cohere

Obscene Content Blocker | Github, Blog

- An extension to block obscene content
- Crawl the webpage and extract the content, apply a state-of-the-art machine learning algorithm to detect obscenity in real-time, and block the content.
- Created a browser extension that could detect obscenity in any website that you visit with 93.8% accuracy.
- Skills used-: Data collection, preprocessing, HuggingFace openSource model, Flask API, HTML, CSS, JS, beautifulSoup

GovSevak-: Government welfare scheme chatBot | *Github*, *Blog*

- Government schemes come and go, and the people who are supposed to be benefited never get to know about it. So we build a multi-lingual and multimodal chatbot, that recommends government schemes based on your query.
- Scraped the entire government website for all the welfare schemes and converted it into a vector database, linked it to Gemini, Build an interface using Streamlit.
- Skills used-: Selenium, RAG[Retrieval Augmented generation], LLM[Gemini Pro], VectorDatabase[FAISS],

Automating ColdEmail | Github, LiveLink ColdStart, Blog

- Cold emailing takes time and effort, and most of the time the person never responds to your email, and I faced this problem a lot so here is the solution.
- Build a full stack application powered by flask flask-based backend, which will help me send a cold email to recruiters with only their name, company name, email, and the job requirements.
- Skills used-: Flask API, SMTP protocol.

Experience

CodSoft

Machine learning Intern

• Implemented RNN model to generate Text, trained on NewYork times headlines.

platforms

• 3^{*} on codechef[Link]

Dec. 2021 - present

New Delhi, Delhi

Django

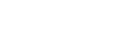
• Computer Network

May 2024

May 2023

February 2024

January 2024



Aug 2023 – Sept 2023 Remote

March 2024