# KISHAN PAYADI *VISIT PORTFOLIO*

📞 +91 8448876965  ✉️ payadikishan@gmail.com  in linkedin.com/in/kishan-payadi-5906a9216  ⭘ github.com/kishan2k2

## Education

| | |
|---|---|
| **Maharaja Agrasen Insititute of technology** | **Dec. 2021 – present** |
| *B.Tech AI&ML* | *New Delhi, Delhi* |

## Relevant Coursework/Skills

- Data Structures
- Operating System
- Database Management
- Artificial Intelligence
- Machine Learning
- Deep Learning
- Computer Network
- Django

## Projects

**HyperParameter Tuning of Genetic Algorithm** | *Research Paper, Code, Blog*  **May 2023**

- 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.
- 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*  **May 2024**

- 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*  **February 2024**

- 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*  **March 2024**

- 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*  **January 2024**

- 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** | **Aug 2023 – Sept 2023** |
| *Machine learning Intern* | *Remote* |

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

## platforms

- 3* on codechef[Link]
- 10% on LeetCode[Link]
- Github[Link]