NISHANT MAITY

nishantmaity3627@gmail.com
github: Nishant43S
Linkedin: Nishant Maity
portfolio: Nishant Maity

Hi there! I'm Nishant Maity, a Python specialist with a passion for building cutting-edge Generative AI and Machine Learning applications. I love coding and constantly explore new technologies. My journey in tech is driven by a desire to innovate. I aim to lead in creating the future of AI.

ACHIEVEMENTS

3rd Prize, OU project expo
November 2023

Project link

Associated with ORIENTAL UNIVERSITY

Automation App
 it is an automation application which runs on windows. this app is built on python.

it has multiple automation features like- Message spammer ,email sender , whatsapp spammer, phone number information finder, module/library downloader, autotyping etc.

Libraries Used
- Gui- tkbootstrap,tkinter
- automate - pyautogui, pywhatkit
- email - smtplib
- numberinfo - phonenumber
- other - numpy, random, time

EXPERIENCE

Generative ai Virtual internship | Boston Consulting Group (BCG)
August 2024

Credential

BCG GenAI Job Simulation on Forage - August 2024

- Completed a job simulation involving AI-powered financial chatbot development for BCG's GenAI Consulting team.
- Gained experience in Python programming, including the use of libraries such as pandas for data manipulation.
- Integrated and interpreted complex financial data from 10-K and 10-Q reports, employing rule-based logic to create a chatbot that provides user-friendly financial insights and analysis.

I worked on a project to develop an AI-powered financial chatbot. I practiced using Excel, Python, pandas, and other libraries and built my data analysis and NLP skills in a real-world context.

PROJECTS

Generative ai Summarizer | Web Application

- Built a Responsive Streamlit-based app enabling fast, AI-powered summarization using Hugging Face models like BART, Pegasus, and T5.
- Integrated Naive Bayes classifier for text classification and NLP techniques for tokenization and processing.
- Implemented web scraping to extract online articles and built tools to summarize text, URLs, and PDFs.
- Added flexible features like model selection, adjustable summary length, and PDF text editing for enhanced usability.
- Delivered a user-friendly interface with seamless navigation, supporting quick summaries for various content formats.

Github Link

App link

Technologies used - Python | HTML | CSS | Javascript | Bootstrap | NLP | Machine Learning - (naive bayes)

Web Data Scraper | Web Application

- Developed a Responsive Streamlit-based web scraping app to extract diverse website content, catering to users across devices (desktops, tablets, and smartphones).
- Offers Simple Mode for full-page scraping and Advanced Mode with customizable content selection (text, headings, links, images, tables, and code, etc).
- Features DOC file downloads for scraped data, enabling easy sharing and editing, and HTML source code downloads for developers to explore site structures.
- Use cases include research, content creation, SEO analysis, and web development.
- Designed with a user-friendly interface to simplify web scraping for both beginners and advanced users.

Github Link

App link

Technologies used - Python | HTML | CSS | Javascript | Bootstrap | NLP | Web Scraping

EDA Report Generator | Web Application

- Developed a user-friendly web application for fast Exploratory Data Analysis (EDA) using Python and Streamlit.
- Users can upload CSV files and receive detailed EDA reports within seconds, with options to download reports.
- Features a Dataset Explorer for interactive data viewing in a table format.
- Designed for optimal performance on both desktop and mobile devices, catering to data scientists and analysts seeking quick insights without coding.

Github Link

App link

Technologies used - Python | HTML | CSS | Bootstrap

EDUCATION

Oriental University   Sep 2022 - 2025

Bachelor in Computer Science and Applications
specialization in **(Artificial Intelligence/Data Science)**

Currently - BCA 5th Sem
last sem grades - 8.2

Saint Arnold H.R.S. Secondary School   Jun 2020 - Jun2022

Science Stream
Grade - 7.2

SKILLS

Webscraping | Web App Development | Desktop App Development | Data Science | Machine Learning | DSA(python)

Programing Languages

Python | HTML | CSS | JavaScript | Java | C programing | R programing

Frameworks

Bootstrap | Streamlit

Database

MySql | MongoDb | Sqlite

Python Libraries

scikitlearn | streamlit | Beautifulsoup | NLTK | etc