

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

Associated with ORIENTAL UNIVERSITY

[Project link](#)

Automation App | Desktop Application

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- tkinter,tkinter
- automate - pyautogui, pywhatkit
- email - smtplib
- numberinfo - phonenumbers
- other - numpy, random, time

EXPERIENCE

Generative ai Virtual internship | Boston Consulting Group (BCG)

August 2024

BCG GenAI Job Simulation on Forage - August 2024

[Credential](#)

- 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

Webscrapping | Web App Development | Desktop App Development | Data Science | Machine Learning |
DSA(python) | Prompt Engineering | Big Data Analysis(PySpark)

Programing Languages

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

Frameworks

Bootstrap | Streamlit

Database

MySql | MongoDB | Sqlite

Python Libraries

Numpy | Pandas | Matplotlib | Seaborn | scikitlearn | streamlit | Beautifulsoup | NLTK | Pyspark | etc