

NISHANT MAITY

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ACHIEVEMENTS

- 3rd Prize at OU Project Expo, Nov 2023
- Reached Semifinal Round in VIT Bangalore Hackathon, Feb 2025
- Ranked in Top 10 Projects at OU Project Expo, May 2025



EDUCATION

Oriental University 2022 - May 2025
Bachelor of Computer Application
– Artificial Intelligence & Data Analytics
Cumulative GPA: 8.4

Saint Arnold, Indore 2021 - 2022
HSC (CBSE)
Grade - B

Saint Arnold, Indore 2019 - 2020
SSC (CBSE)
Grade - B

SKILLS

- **Languages** - Python, HTML, CSS, JS
- **Frameworks** - Bootstrap, streamlit, flask, Playwright
- **Database** - MySQL, Firebase, MongoDB
- **Core Fundamentals:** DSA, OOPS
- **Tools Technologies:** Git, Github, Gemini, ChatGpt, VS Code, Canva
- **DS , ML, web Application Devlopement,** web automation & Scraping, prompt engineering

PROJECTS

File Link Generator |

A web app built with Flask and Dropbox API to upload files and generate secure, shareable download links and QR codes.

- Integrated Firebase Authentication for user registration, login, and password recovery.
- Uploaded files directly to Dropbox and created temporary download links.
- Designed a responsive UI using HTML, CSS, JavaScript, Bootstrap 5, and Font Awesome.
- Features include file upload, instant link/QR generation, and copy-to-clipboard functionality.

Web Data Scraper |

A Streamlit-based web data scraper with simple and advanced modes to extract and download data as DOC files.

- Built with Streamlit to extract website content (text, links, images, tables, code, etc.) in Simple and Advanced modes.
- Enabled custom scraping with checkboxes and download as .DOC or full HTML source code.
- Designed a fully responsive UI for desktop and mobile use.

Generative AI Q&A & Summarizer App |

- Built with Streamlit and hosted on Hugging Face Spaces to summarize and answer questions from text, PDFs, and URLs.
- Used BART for summarization and RoBERTa (SQuAD2) for Q&A. Features include web scraping, file upload, and custom output controls.

Experienced Python Developer with 2.5 years of hands-on expertise in building scalable applications and automation tools. Passionate about Generative AI, with a strong foundation in Python and a portfolio of diverse projects. Actively seeking opportunities to innovate in the field of AI and machine learning.

WORK EXPERIENCE

Data Science Intern

Unified Mentor · Remote · Feb 2025 – Mar 2025 (2 months)

- Performed data analysis, EDA, and built machine learning models using Python, Pandas, NumPy, and Scikit-learn.
- Created automated EDA reports and developed predictive models to support business decisions.
- Optimized ML models and improved data visualization for effective communication of insights.

Key Projects:

- Laptop Price Prediction: ML model using XGBoost & Random Forest; deployed with Streamlit.
- OCD Patient Analysis: EDA + ML for health data insights; evaluated with accuracy, skewness, kurtosis.
- Netflix Data Analysis: Explored trends in content using Pandas, Matplotlib, Seaborn.

Generative AI Virtual Intern

Boston Consulting Group (BCG) · Remote · Aug 2024

- Completed a GenAI job simulation via Forage focused on AI-powered financial chatbot development.
- Applied Python and Pandas to extract and interpret data from 10-K/10-Q reports.
- Practiced data analysis, rule-based logic, and NLP to deliver financial insights.

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.