

MAINAK DAS



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EDUCATION

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

B.Tech in Computer Science and Engineering (AI-ML), MAKAUT
2022 – 2025

TECHNIQUE POLYTECHNIC INSTITUTE, HOOGHLY

Diploma in Computer Science and Technology, WBSCTE
2019 – 2022

UTTARPARA GOVT. HIGH SCHOOL, HOOGHLY

Higher Secondary Examination, WBCHSE
2017 - 2019

JORA ASWATTHATALA VIDYALAYA, HOWRAH

Secondary Examination, WBBSE
2017

PROJECTS

innsi8hts.ai - Sentiment Analyzer for Hotel Review Insights.

github.com/Mainak-Das/innsi8hts.ai | innsi8hts-ai.streamlit.app

Data Handling: Employed Selenium for web scraping and used preprocessing techniques in python like Label Encoding and TF-IDF Vectorization.

Techniques: Utilized machine learning algorithms such as Logistic Regression, Random Forest, Naive Bayes and XGBoost for training the dataset.

Model Deployment: Created pipelining through pickle files of the ML models for real-time predictions.

Frontend: Designed a professional, responsive web application using Streamlit for user interaction and result visualization which is deployed on the web.

DIGIXAM - A Web-Based Online Examination System.

github.com/Mainak-Das/DigiXam

Frontend Design: Created an intuitive and user-friendly interface using HTML, CSS, JavaScript, and Bootstrap.

Backend Development: Developed core functionalities using Java and Maven, following the MVC architecture for structured and maintainable code.

Database Management: Utilized MySQL for efficient data storage and retrieval.

Session Management: Managed user sessions to maintain state and ensure a seamless user experience.

Responsive Design: Integrated responsive design principles for accessibility across various devices.

PERSONAL PORTFOLIO - Portfolio for Showcasing My Personal Details, Qualification, Skills, & Projects.

github.com/Mainak-Das/My-Portfolio | mainak-das.vercel.app

Design and Layout: Created an aesthetically pleasing and user-friendly layout for the webapp.

Content Presentation: Displayed skills, projects, and personal information prominently on the platform.

Visitor Engagement: Facilitated ways for visitors to contact with me through mail, by using e-mail Api's (elastic mail).

Responsive Design: Built the webapp to be responsive for desktop, tablet, and mobile viewing.

INTERNSHIP

ITOBUZ TECHNOLOGIES - Kolkata, WB, India

Web Developer Intern

- Designed and implemented responsive web pages using HTML, CSS, and JavaScript.
- Developed Figma designs into functional frontend components.
- Worked closely with designers and backend developers to ensure seamless integration of frontend components.
- Successfully completed the given tasks and got 'A' grade.

SKILLS

PROGRAMMING LANGUAGES

Java, Python, C, SQL, HTML, CSS.

TOOLS, FRAMEWORKS & LIBRARIES

Git, GitHub, Bootstrap, Streamlit, Scikit-Learn, VS-Code, Adobe Photoshop, Adobe Illustrator, Figma, MS-Office.

INTERESTS

- Playing drums, tabla, and cajon.
- Drawing pencil sketches.
- Playing football.