Raja Biswas

📞 +91 9933127070   ✉ rajabiswas336@gmail.com   in Linkedin   🔗 rajabiswas336   💼 Portfolio

Experience

Freelance   **March 2022 – Present**
UI/UX Designer   *Kolkata, India*
- Designed user-friendly interfaces for various clients, resulting in a 30 percent increase in user engagement
- Collaborated with developers to create responsive web designs using Adobe Creative Suite,Figma and web technologies.

Projects

Hotstar Clone   *HTML,CSS,J.S.*
A responsive Hotstar homepage clone built using HTML, CSS, and Java Script. Includes interactive carousels, hover effects, and a clean U.I. Designed to practice front-end development with a focus on layout, styling, and DOM manipulation using vanilla JS.
Live Demo

Myntra Clone   *HTML,CSS,J.S.*
Myntra Clone from scratch using HTML,CSS and Java Script. Features include responsiveness, carousel, pop-up offer card, product card .
Live Demo

Clinical Decision Support System Multi-modal LLM Project   *Python,Ollama vision,groq,elevenlabs*
Developed a multimodal Clinical Decision Support System using Large Language Models (LLMs) with Python.
Implemented speech-to-text and text-to-speech pipelines enabling doctor-patient voice interaction.
Built an interactive Gradio web interface for real-time medical queries and recommendations.
Integrated Groq API and ElevenLabs API for fast inference and natural voice synthesis.
GitHub Repository

Technical Skills

- **Web Development:** HIML,CSS,Java Script,Php.
- **Programming Languages:** Python,C,SQL
- **Machine Learning:** Regression, Classification, Clustering, Kmeans,KNN.
- **Deep Learning:** Neural Networks, CNNs, RNNs.
- **Natural Language Processing (NLP):** Text Preprocessing, Tokenization, Sentiment Analysis, Hugging Face,NLTK.
- **Office and Presentation Tools:** Microsoft- Excell,Word,Powerpoint.
- **Tools and Libraries:** NumPy, Pandas, Matplotlib,Jupyter, Git,Visusl Studio Code,Google Collab,Anacoda.
- **UX/UI Design:** HTML,CSS,Figma, Adobe XD, Photoshop, Illustrator

Certifications

Introduction to SQL | *Simple Learn-Skillup* Link   **February 2025**
- Topics: SQL Queries, Joins, Aggregations, PostgreSQL

Foundation of user Experience Design | *Courseera-google* Link   **February 2021**
∗ Fundamental principle of User Experience

Education

University of Kalyani, West Bengal   **Aug. 2018 – July 2022**
B.Tech - Information Technology   *7.40 CGPA final year*
Maulana Abul Kalam Azad University Of Technology   **Aug. 2024 – July 2026**
M.Tech - Artificial Intelligence   *8.25 CGPA 2nd sem*

Relevant Courseworks

∗ Data Structures	∗ Database Management	∗ Operating Systems	∗ Artificial Intelligence
∗ Algorithms Analysis	∗ Web Development	∗ Digital Electronics	∗ Generative AI