PRAGYANUR SAIKIA

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LinkedIn: https://www.linkedin.com/in/pragyanur-saikia/, **LeetCode**: https://leetcode.com/PR_G__N_R/
Behance: https://www.behance.net/pragyanursaikia1, **Youtube**: https://youtube.com/@MovingFramesPragyanur

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EDUCATION

Master in Computer Application (MCA) **2021-2023**
- School of Computer & System Sciences (Jawaharlal Nehru University), New Delhi
- Have secured 72% till 3rd semester

B. Sc. (Hons.) Mathematics **2018-2021**
- Sri Venkateswara College (University of Delhi), New Delhi
- Secured 82.6%

12th CBSE (Science with Computer Science) **2016-2018**
- Kendriya Vidyalaya Central University Sonitpur, Tezpur, Assam
- Secured 91.4%

10th CBSE **2016**
- Kendriya Vidyalaya Central University Sonitpur, Tezpur, Assam
- Secured 95%

PROJECTS

Retrieval-based biomedical chatbot (Py) https://github.com/Pragyanur/retrieval_based_biomedical_chatbot
- ➔ Program can answers related to 17 diseases regarding causes, treatments, symptoms, etc.
- ➔ Learnt about optimization algorithms, loss functions, backpropagation, creating training data, etc.
- ➔ Used the following technologies- Keras, NumPy, NLTK, spaCy models for biomedical text processing, etc.

Interactive web graphics (p5 and JavaScript) https://pragyanur.github.io/pages/all_projects.html
- ➔ Simulating physics, ray casting, conway's game of life, etc.
- ➔ Implemented Object Oriented Programming, and DOM manipulation using JavaScript and p5 library.

Word sense disambiguation program (Py) https://github.com/Pragyanur/Word_Sense_Disambiguation
- ➔ The program gives the definition of a word with respect to the context is used.
- ➔ Program uses "lesk" algorithm from nltk library.

Image prediction through webcam (ml5 and javascript) https://pragyanur.github.io/pages/ml/first.html
- ➔ Program predicts the image seen through the camera along with the confidence measurement.
- ➔ Uses the "MobileNet" model for image classification with its 1000 classes of objects.

Portfolio website (HTML, CSS & JavaScript) https://pragyanur.github.io/
- ➔ Developed website using HTML, CSS & javascript that also includes UI animations.

Other Projects

I. **2D Bouncing Ball Simulation on terminal (C)** https://github.com/Pragyanur/Bouncing_Ball_Sim
II. **Car recommendation project (Prolog)** https://github.com/Pragyanur/Car_Recommendation_System_Prolog

TECHNICAL SKILLS

- ★ **Languages**: Python, JavaScript, HTML, CSS, C++, Java, etc.
- ★ **Skills**: Machine Learning, OOP, DSA, Git/GitHub, web development (frontend), creative coding and computer graphics.

CERTIFICATIONS and ACHIEVEMENTS

- ★ **Web Development and React certificate courses 2023 (Internshala)**
- ★ **UGC-NET Computer Science and Application Dec 2022 (Lectureship)**

MISCELLANEOUS

- ★ **Hobbies & other skills:** Playing guitar, Freelancing in digital art, graphics designing, 2d and 3d animation, Blender(software).