ANIMESH SANJAY SINHA (Web Developer)

● IISER Kolkata - 741246, India ● ass19ms069@iiserkol.ac.in ● linkedin.com/in/animesh-sinha-27a37a1ab/ ● +91 6202606453

● https://github.com/Animesh-sudo ● https://animesh-sinha-portfolio.netlify.app/

EDUCATION: 2019 - Present

Indian Institute of Science Education and Research (IISER), Kolkata, India

- Pursing 5-year Integrated BS-MS dual degree program in Biology and a minor in computer and data science, to be conferred 2024. Cummulative GPA – 9.08/10

TECHNICAL SKILLS:

- Programming languages and framework: C, JavaScript, Python (numpy, scikit learn, matplotlib, scipy, etc), MATLAB, HTML, CSS, React.js, Next.js, Node.js, Express.js, React Hooks, Redux, JWT Authentication, Bootstrap
- Developmental Tools: Git, Visual Studio Code, Jupyter Notebook
- DB Language: PostgreSQL, MySQL
- Video Editing: Adobe Premier Pro

EXPEREIENCE:

3 month Internship at Tussle.Fit (a startup)

- Developed 3 fully responsive landing pages using HTML, CSS, and Javascript (https://courses.tussle.fit/find-your-flow-with-seda-sarp/ , https://courses.tussle.fit/mediterranean-diet-for-PCOS , https://courses.tussle.fit/pregnancy-and-natural-birth-preparation/)
- All the websites were seo optimized with proper metadata. Also the loading speed of the websites was optimized, which was further confirmed by the Lighthouse score.
- Removed some bugs from the main react based websites (https://www.tussle.fit/)
- Contributed to the next.js internal implementation part of the website

PROJECTS:

Smart Brain React WebApp: (https://smart-neuro.herokuapp.com/)

- Fully responsive react web application that detects a face when the image URL is passed using Clarifai API. The web app has a sign-in form, a registration form, and a face recognition page.
- User information is stored in a PostgreSQL database server. Their passwords are hash encrypted and stored using the bcrypyt.js library. The Backend server is a RESTful API created using node.js, express.js, knex.js.
- The frontend interface is created using React, javascript, HTML, CSS, tachyons.js.

Robofriends React WebApp: (https://animesh-sudo.github.io/Robofriends-React-WebApp/)

- Fully responsive react web application that uses JSONPlaceholder and Robohash.org API to generate robots as the website loads. The website has a search box to search for different robots. The webpage dynamically updates with each character entered in the search field and displays only the robots having that character(s) in their name.
- The web app is built using React, JavaScript, HTML, CSS, tachyons.js.

Background Generator WebApp: (https://animesh-sudo.github.io/Background-Generator/)

CERTIFICATIONS:

- "The Complete Web Developer in 2022: Zero to Mastery" offered by Andrei Neagoie on Udemy
- "AWS Machine Learning Foundations" certificate from AWS and Udacity.
- "Intermediate Machine Learning" certificate from Kaggle.
- "Crash Course on Python" offered by Google on Coursera
- "Introduction to Programming with MATLAB" offered by Vanderbilt University on Coursera.
- "Introduction to the Biology of Cancer (with Honors)" course from Johns Hopkins University on Coursera.