Shibajyoti Maity

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Leetcode | Codeforces | Codechef | Geeks for geeks

A 2nd-year CSE undergraduate with expertise in Generative AI , Machine learning and full-stack development. Skilled in programming languages(C ,C++ , python , javascript) ,Linux, data structures, algorithms , Natural language processing .

Skills

Languages: C /C++ , Python , Javascript , Typescript , SQL , Java
Technologies & Tools: ReactJS , NextJS , TailwindCSS , MongoDB , Postman , AWS , S3 , EC2 , Github , Hugging Face
Machine Learning , Deep Learning , NLP , Computer Vision , Langchain , OpenCV , Pytorch , Scikitlearn , Tensorflow.

Work Experience

Easecruit , Remote   Feb 2024 - April 2024
Frontend Intern
➔ Worked on frontend using **ReactJs** and **Typescript.**
➔ Built and merged numerous react components and pages in the main code base.

Projects

➔ **Autonomous Car** Code Demo
Built a self-driving car which resembles Tesla . Built a **CNN** model similar to the NVIDIA Research paper , also augmented the data which led to safe driving even at night . Accuracy of the model is around **90%** .

➔ **Blog App** Code Demo
Developed a full-stack web app with features like **JWT** and **Google authentication**, dark/light modes, an admin dashboard, search functionality, and filters by time and title.
Technologies used: **React.js, Redux Toolkit, Tailwind CSS, Flowbite, Node.js, Express, MongoDB** .
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➔ **Y**oom Demo Code
Developed an App similar to Zoom . Features like authentication and call scheduling, recording, personal meeting room. Techstack used **NextJS, Tailwind Css, Typescript, Clerk.**

➔ **Tumor Detection Model & Emotion Detection** Code Code
Developed a tumor detection model which helps to locate tumors . It reduces the mistakes done by inexperienced doctors . Built and trained a Segmentation **ResUnet** Model to localize Brain Tumors. Used **Plotly** to generate Interactive plots. Accuray being above **90%** , making it a safe model .
Built and trained **RNN** model for key facial detection points. Accuracy of this model is **87%.**

Education

Dr Lankapalli Bullaya College of Engineering , Visakhapatnam | *CGPA :- 7.77/10*   Aug 2023 - Aug 2027
Relevant Coursework ━ Object Oriented Programming, Databases, Discrete Math , Data Structures and Algorithms, Operating Systems, Computer Networks , Linux

Narayana Junior College , Visakhapatnam | *87%*   May 2020 - May 2022
Relevant Coursework ━ Math , Physics , Chemistry

St Aloysius Anglo Indian High School , Visakhapatnam | *87%*