

SOUMYAJIT BEHERA

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EXPERIENCE

Frontend Developer Intern - FlashTech

July 2021 – September 2021

Worked on the development of an E-commerce website

- Redesigned [Wigme.com](#) and created features to enhance the **user experience** and **optimized** designs for **smartphones**.
- Translated **designs and wireframes** into a highly responsive **user interface** and **reusable components** using **React.js**.
- Used **Back-End APIs** to display data using the **Custom Components, library Components, and Redux**.
- Used **JIRA** as the bug tracking system to track and maintain the history of **bugs/issues** on an everyday basis.

PROJECTS

Chatify - Realtime Chat Application

Links:- [Github](#) [Website](#)

- Built a personal chat room like discord to share resources and hangout with friends using **React.js** and **Firebase**.
- Added **Google authentication** and **real-time communication** among the users.
- Used **React-Router** to turn the application into Single Page Application and **Reducers** to manage the state.

Plant AI

Links:- [Github](#) [Website](#)

- Performed Leaf Image classification for recognition of plant diseases.
- Used leaf images to train a model applying multiple types of **CNN** architecture, **Transfer Learning (VGG-19 and Resnet)** and attained an **accuracy of 98%**. Integrated the model with a web server using **Flask** and deployed it to Heroku.

Editor.io - Online Code Editor

Links:- [Github](#) [Website](#)

- Built an **online code editor** for HTML, CSS, and JS code snippets and an **online markdown editor** using **React.js**.
- Used **react code mirror** for building code editor and managed to save of modifications utilizing **browser local storage**.

AI For Social Good

Link:- [Github](#)

- Developed a model to identify suicide ideation by applying **natural language processing** methods.
- Used various text processing techniques(**TF-IDF**), **machine learning**, and deep learning-based methods to train the model and achieved an **accuracy of 97%**.

EDUCATION

Birla Institute Of Technology, Mesra

2018 – 2023

IMSC Maths And Computing CGPA: 7.75/10 (Till 6th Sem)

SKILLS

Strongest Areas: Data Structures, Algorithms, Web Development, Deep Learning

Languages: C++, Javascript, Python

Tools and Frameworks: React.js, Express.js, Next.js, PyTorch, Tensorflow, Git, Github

Database: MongoDB, Firebase

Platforms: Vercel, Heroku

PUBLICATIONS

Author: "An Overlapping Sliding Window and Combined Feature based Emotion Recognition System for EEG Signals". Emerald Publication;10.1108/ACI-05-2021-0130. [Article](#)

ACHIEVEMENTS

- Highest rating achieved in Leetcode is 1640.
- I was present among the top 10 teams among 50 teams in Code Break 1.0 hackathon conducted by MIT WPU, Pune.

ADDITIONAL EXPERIENCE

Pantheon-2019 (Technical Fest of BIT Mesra): Worked on building front-end UI design using **HTML5, CSS3, JavaScript, jQuery**, and building API routes using **Node and express.js**.