

# Soumyajit Behera

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## EXPERIENCE

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### 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

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### Chatify - Realtime Chat Application

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

- Built a personal chat room like discord to share resources and hang out 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.

### 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 Javascript** 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 modifications utilizing **browser local storage**.

### Bits-Of-Code - Blog Website

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

- Developed a blogging website using **Next.js, Node.js**, and Markdown files.
- Used **static site generation** resulting in faster load time and increasing efficiency.
- Used **Firestore** for user authentication and saving of user data and **SWR** for fetching for data.

## EDUCATION

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### Birla Institute Of Technology, Mesra

2018 – 2023

IMSC Maths And Computing CGPA: 7.77/10 (Till 6th Sem)

## SKILLS

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

**Languages:** C++, Javascript, Python

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

**Database:** MongoDB, Firebase

**Platforms:** Vercel, Heroku

## PUBLICATIONS

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

## ACHIEVEMENTS

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- I have solved 500+ problems in Leetcode and have achieved the highest rating of 1640.
- I was present among the top 10 teams among 50 teams in Code Break 1.0 hackathon conducted by MIT WPU, Pune.