

# Soumyajit Behera

Bhubaneswar, India

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## Work Experience

### Flash Tech

Remote

FRONTEND DEVELOPER INTERN

July, 2021- September, 2021

- Worked on the development of E-commerce website( Wigme.com) and created features to enhance the user experience 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

React.js, Firebase

REALTIME CHAT APPLICATION

Github

- 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.
- **chatify-49.web.app**

### Bits-Of-Code

Next.js, Node.js, Firebase

COLLECTION OF BLOGS FOR DEVELOPERS

Github

- Developed a single page application using Next.js, Node.js, and Markdown files for sharing development blogs.
- 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 and Browser Local Storage for User Authentication.
- **blogs.soumyajit.tech**

### Plant AI

CNN, PyTorch, Flask

IMAGE CLASSIFICATION FOR RECOGNITION OF PLANT DISEASES

Github

- Used leaf images to train a model applying multiple types of CNN architecture and 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.

## Technical Skills

### Strongest Areas

Data Structures, Algorithms, Web Development, Deep Learning

### Programming Languages

C/C++, Javascript, Python

### Libraries/Frameworks

React.js, Express.js, Next.js, Git, HTML5, CSS3, PyTorch

### Database

MongoDB, Firebase

### Platforms

Vercel, Heroku

## Education

### Birla Institute of Technology

Ranchi, India

IMSC IN MATHEMATICS AND COMPUTING

June, 2018 - May, 2023

- 7.76/10

## Publications

An overlapping sliding window and combined features based emotion recognition system for EEG signals

Shruti Garg, Soumyajit Behera, Rahul Kumar Patro, Neha Purna Tigga

Applied Computing and Informatics (2021)

. DOI: 10.1108/ACI-05-2021-0130

2021

## Achievements and Recognition

2021 **Highest Rating 1640 and solved 500+ coding problems**, Leetcode

Online

2020 **Web Master**, IET On Campus

BIT Mesra

2019 **Top 10 teams among 50 teams**, Code Break 1.0 hackathon conducted by MIT WPU, Pune

MIT WPU