

# Erika Bermeo

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## Work Experience

### Rocketium

Remote

SOFTWARE ENGINEER INTERN

May 2022- July. 2022

- Worked on redesigning Rocketium's design editor build with React.js and Typescript to make the user experience smooth and more usable.
- Added new components that enhanced editor experience and also increased website traffic.
- Worked on writing reducers and improved the performance of the application.

### Penni

Remote

SOFTWARE ENGINEER INTERN

December. 2021- January. 2022

- Worked on the development of Chrome Extension using Webpack and React.js.
- Managed data using Hasura and GraphQL.
- Used Firebase Authentication and Google People API to manage user contacts.

### 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.
- Connected Back-End APIs to display data using the Custom Components, Library Components, and Redux.

## Projects

### Bits-Of-Code

Next.js, Node.js, Redux

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**

### Chatify

React.js, Firebase

REALTIME CHAT APPLICATION

Github

- Designed 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.soumyajit.tech**

## Technical Skills

### Strongest Areas

Data Structures, Algorithms, Web Development

### Programming Languages

C/C++, Javascript

### Libraries/Frameworks

React.js, Express.js, Next.js, Typescript, Webpack, Git, Node.js, 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

- 8.04/10

## Publications

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

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

Applied Computing and Informatics (2021)

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

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