

Mrinal Bhattacharya

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Education

Bhilai Institute of Technology

B.Tech (Computer Science and Engineering)

- Relevant Coursework: Data Structures and Algorithms, Database Management System, Object Oriented Programming, Computer Networks, Compiler Design, Theory of Computation, Enterprise Resource Planning, Web Development and Computer Concepts, Software Engineering and Project Management.

Durg

July 2017 - June 2021

Gayatri Vidya PEETH- 12th (PCM) – 68.8%

- Relevant Coursework: Mathematics, Physics, Chemistry, English, Physical Education

Rajnandgaon
2017

Gayatri Vidya PEETH 10th – 81.6%

- Relevant Coursework: Mathematics, English, Hindi, Social Studies, Science

Rajnandgaon
2017

Skills

- **Programming Languages-** JavaScript, JAVA, C++ , Python
- **Frameworks and Styling Languages-** React.js , Redux, Node.js , Express.js , HTML , CSS
- **Tools and Technologies -** Git, Heroku , Firebase, MongoDB ,Bootstrap, Material UI
- **Certifications and Workshops-**
 - 1) Specialization in front-end frameworks (Bootstrap 4 and React) provided by the **Hong Kong University of Science and Technology**
 - 2) The Complete Web Development Bootcamp by Dr. Angela Yu (54 total hours of Coursework)
 - 3) Workshop on Cyber Security Conducted by Bennet University in association with **leadingIndia.AI**
 - 4) Participated in BIT Software and Hardware Innovation Expo **BITSHINE 2018** and earned a Recognition

Projects

COVID-19 Tracker-

TECH STACK: JAVASCRIPT HTML, CSS, MATERIAL UI, REACT.JS

- React based Covid-19 Tracker Application which shows
- real time data of all the cases in world
- map and graphical Representation by each and every Country with API integration.

CONTACT-MANAGER-

TECH STACK: JAVASCRIPT(BASE), NODE.JS, EXPRESS.JS, MONGODB, REACT.JS, HTML, CSS

- This application helps user to keep a record of their contacts and helps manage them accordingly
- User Authentication with JSON web token
- CRUD operations for every contact
- Backend built with Node.js and Express.js
- Front-end with React.js
- MongoDB Atlas for Cloud Database

AI NEWS READER-

TECH STACK: JAVASCRIPT(BASE), HTML, CSS, MATERIAL UI , ALAN AI VOICE, REACTJS

- Fully Voice Controlled News Reader Application
- Brings News by different sources and media agencies
- It allows you to control absolutely everything in the application using your voice.

Slick (Slack clone)-

TECH STACK: JAVASCRIPT(BASE) ,REACTJS, FIREBASE, MATERIAL UI ,REDUX

- In this application user can create his own channel
- User can have multiple chat threads at the same time
- it uses firebase authentication(Google Account)
- Firebase database and allows users to chat and share information among them.

SPEAK(Virtual MEETING APPLICATION)- (Currently Working)

TECH STACK: JAVASCRIPT(BASE) ,NODEJS

In this Application Users will be able to interact with one another through Video Conferencing with using the Principles of WebRTC.

