

Contact

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Technical Skills

Frontend

- HTML
- CSS
- JavaScript (ES6+)
- React.js
- Redux
- jQuery
- Bootstrap
- Material UI
- Chakra UI
- Responsive Web Design

Backend

- Node.js
- Express.js

Database: MongoDB

Version Control: Git and GitHub

Tools and Libraries

- Chart.js
- Socket.IO
- RESTful APIs

MERN Stack Development

Data Structures and Algorithms

Languages

- JavaScript
- Core Java
- C++

Education

July 2016 – May 2020

Bachelor of Technology (DGPA: 8.80)

Computer Science & Engineering (CSE)

Maulana Abul Kalam Azad University of Technology (MAKAUT), West Bengal

Languages

- English: Fluent (R/W/S)
- Bengali: Native (R/W/S)
- Hindi: Intermediate (R/S)

PRITHWISH SARKAR

Web Developer | Front-end Developer | React.js Developer

MERN Stack Developer with 1.5 years of industrial experience and 8 months of project development experience, specializing in Frontend Technologies. Proficient in building responsive, user-centric web applications using React.js, Node.js, Express.js, MongoDB, and REST API. Experienced in UI/UX development, single-page applications (SPA), optimizing web performance, and debugging.

Work Experience

Assistant Systems Engineer

Feb 2021 – July 2022

Tata Consultancy Services, Kolkata

Technologies: HTML, CSS, JavaScript, React.js, REST API, SQL

- Designed and developed the UI of a Digital Asset Library for an Ed-Tech Company. Increased readability and responsiveness using CSS.
- Deployed a mobile-first approach, increasing traffic by 30%.
- Created React components to store metadata, access details, and the media. Implemented API calls to the backend for CRUD operations.
- Spearheaded debugging efforts to eliminate cross-browser issues, and improved application functionality. Boosted page load speed by 20% through optimized React components and CSS adjustments.

Personal Projects

Weather webapp: <https://weatherquery.free.nf>

- **Responsive** weather application using **React.js**, **Material UI**, **Rapid API**, and **Openweather API** with **any city's current weather and weather forecast for 5 days**. A **graph** shows temperature variation.

Speedo: <https://vehicle-travel-details.vercel.app>

- **Responsive web application** that takes the **GPS data** for a trip and displays the path on a **map** along with **travel statistics**. User can select multiple trips to view their details. Used **MERN stack** and **Chakra UI**.

Memo-Random: <https://memorandom.free.nf>

- **Responsive** Note-taking web application with **add, delete, edit**, and **storage** features, written in **React.js** and **Vanilla CSS**.

myChat: <https://mychatweb.free.nf>

- **Responsive Real-time** online **group chat application** with **notifications**.
- Engineered using **Node.js** and **Socket.IO**, and supports over 100 users.

Data Visualization Dashboard: <https://bit.ly/taskdatavisuals>

- **Responsive data visualization** from 1000 data points using **Chart.js**
- It is constructed by using **React.js**, **Node.js**, **Express.js**, and **MongoDB**.

Task Manager Application: <https://taskmanager.free.nf>

- **Responsive task manager** application with an option to import tasks from Excel sheets. Supports all **CRUD operations**.
- Built using **Node.js**, **Express.js**, **MongoDB**, and **vanilla JavaScript**.

My Blog: <https://my-blog-ufcf.onrender.com>

- A responsive blogging web app made using **Express.js** and **MongoDB**.