

# Sakira Zefrin

## Software Engineer

I have an innovative and enthusiastic mindset and am a driven junior software engineer. I am committed and always willing to learn new technologies since I am excited about the possibility of creating outstanding and effective user-centric solutions. I stay ahead of the curve because of my drive to learn new technologies. In order to improve my abilities and the projects we work on, I am excited to provide my experience to a vibrant development team.

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Portfolio: [Portfolio](#)

LinkedIn: [LinkedIn](#)

GitHub: [GitHub](#)

### Technical Skills

#### Front End:

- React JS, JavaScript, Next JS, Vue JS, Meteor JS
- Material UI, Bootstrap, Ant Design, HTML, CSS, SCSS, Tailwind CSS

#### Back End:

- Node JS, Express JS
- C++, Python, REST API

#### Database:

- SQL, MySQL, PostgreSQL
- NoSQL, MongoDB, Graph QL

#### Tools:

- Git, GitHub, Google Cloud, Firebase, Heroku, Netlify
- NPM, JWT, JSON, Chrome Dev Tool, DOTENV

### Professional Experiences:

#### **MERN Stack Developer, Minority Programmers Association, Washington D.C, USA (Remote, July 2021- September,2021)**

- Designed and developed multiple frontend part of Online Learning Platform “Minority Programmers Association”
- Architected backend part for course enrollment and constructed database schema.
- React, Redux, Node, Express, Material UI, Ant Design

#### **MERN Stack Developer, Frosh Link, New Delhi, India (Remote, June 2021-July, 2021)**

- Developed and designed responsive, dynamic UI using React, TypeScript, Tailwind CSS
- Architected back-end part using Node, MongoDB, Express and Automatic mailing system.

- Constructed data model and schema using mongoose and build endpoints for client.

## Projects:

### Diagnostic Center: [Website](#), [GitHub-Client](#), [GitHub-Server](#)

- An administrator has to be signed in. Like Dr. Management, he has complete control over the application. Method of payment, service management, and patient management.
- In order to give services, a doctor needs to be logged in. He can choose the day and time of his duty. In addition, he can offer services both online and offline and write a blog.
- To receive service, a user needs to be logged in. He is able to schedule appointments and use both online and offline services. He can pay online as well.
- I have utilized React, React Router Dom, Material UI, Bootstrap, HTML, CSS, JSX, ES6, Node JS, Express JS, and other technologies for both the frontend and backend. I have utilized Firebase, JWT tokens, an

### Express-Clean: [Website](#), [GitHub-Client](#), [GitHub-Server](#)

- An administrator can add a team member, add a new service, and modify the purchase status. He can also terminate a service or a team member.
- A user can only see or read blogs. There is nothing a person can do without logging in. If a user had not logged in, he will be taken to the login page when he clicks on a product to purchase. After storing login information, such as email, the login page will be forwarded to the homepage. By making a payment, a user can purchase a service; the order will be stored in the database, and he will only be able to view his order history, past purchases, and current purchases. Additionally, a user can provide a review of any employee or service, and it will be dynamically displayed on the homepage. I have utilized HTML, CSS, React Router Hook, JSX, ES6, Material-UI, React-Bootstrap, Bootstrap, and more for the front end. I used MongoDB for the database and Node.js and Express.js for the backen
- I used MongoDB for the database and Node.js and Express.js for the backend I have utilized Heroku for the backend and Firebase for the frontend for hosting and authentication.

## Educational Background:

- Rajshahi University of Engineering & Technology, Rajshahi, Bangladesh. BSC in Computer Science and Engineering
- Joypurhat Govt College (2013-2015) HSC/ A Level