

# Shakirul Hasan Khan

Software Engineering Undergrad

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in shakirulhasan 🐙 KhanShaheb34

## 🎓 EDUCATION

### Software Engineering,

Shahjalal University of Science and Technology 🔗  
2018 – present

## 🏢 PROFESSIONAL EXPERIENCE

### Associate Software Engineer, KAZ Software 🔗

2022-03 – 2022-08

- Upgraded two ReactJS 16 applications to 18
- Combined four separate ReactJS app to a single micro-frontend app using Single-SPA
- Written automated end-to-end tests
- Developed and integrated various features for two different ReactJS application
- Containerized micro-frontend applications using Docker
- **Tech: ReactJS, Typescript, Redux, Single-SPA, Cypress, Docker, Git, Webpack**

### Intern Software Engineer, KAZ Software 🔗

2021-09 – 2022-02

- Designed more than 40 pages of a feature-heavy web application with two different user classes using ReactJS and other technologies
- Integrate features of that web application with REST API backend
- **Tech: ReactJS, Typescript, SWR, Redux, RSuite, SCSS**

## 🧠 SKILLS

### Languages

C++, Typescript, Javascript, Python, Java, Shell

### Web Dev

ReactJS, NextJS, Redux, SCSS, Micro-frontends, Single-SPA, ExpressJS, Cypress

### Database

PostgreSQL, MySQL, MongoDB

### DevOps and Others

Git, Github, Docker, Heroku

### Data Science

Tensorflow, Pandas, Numpy, Scikit-learn

## 🏠 ORGANISATIONS

### SUST ACM Student Chapter, Mentor 🔗

2021-11 – present

### SUST SWE Society, Publications Secretary 🔗

2019-11 – present

## 📁 SELECTED PROJECTS

### Instatweet 🔗

A Twitter clone that looks like Instagram but does not have that many features. This is a project for the Web-Tech course. Developed using:

- Backend: **Javascript, ExpressJS, Sequelize**
- Frontend: **Typescript, ReactJS, Redux**
- DevOps: **Docker, Nginx, Heroku, Netlify**
- [github.com/KhanShaheb34/instatweet](https://github.com/KhanShaheb34/instatweet) 🔗

### React Micro-frontend Demo 🔗

Converted two create-react-app projects to one single-spa with some extra functionalities as a proof of concept for micro-frontends

### SUST Guest House Managing System 🔗

A website to manage the Guest House of SUST in Dhaka. I designed the front end for the end-user.

- Built Using: **ReactJS, Typescript, ChakraUI**

### SWE Society Website 🔗

A website to manage a non-profit organization

- Built Using: **ReactJS, ChakraUI, ExpressJS, PostgreSQL, Docker**
- [github.com/sust-swe/SWE-Society](https://github.com/sust-swe/SWE-Society) 🔗

### Covid-19 Interactive Dashboard

A web dashboard with a map to view the current pandemic situation of Bangladesh

- Built Using: **ReactJS, Bootstrap, Leaflet**
- [github.com/KhanShaheb34/Co-ronaBD.info](https://github.com/KhanShaheb34/Co-ronaBD.info) 🔗

### LawClinic

An online platform for Law Students for taking preparation for the Bar Council exam. I designed the front-end.

- Built using: **ReactJS, MDBBootstrap, Django, GraphQL, and PostgreSQL**

[See More Projects on LinkedIn](#) 🔗

## 🏆 AWARDS

### First Runner Up, BUP Hackathon 2019

An 8 hours long Hackathon. We build a system on the topic of tourism.

### Honorable Mention, SUST LICT Tech Fest

Made it to the top 6 among more than 25 teams

**Specialist (Max Rating: 1542), Codeforces** 🔗

## 📜 CERTIFICATES

- Deep Learning Specialization Coursera 🔗
- Tensorflow in Practice Coursera 🔗