

Shakirul Hasan Khan

Software Engineering Undergrad

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in shakirulhasan 🔄 KhanShaheb34

Education

2018 – present Sylhet, Bangladesh	B.Sc. (Engg.) in Software Engineering, <i>Shahjalal University of Science and Technology</i> ✓
2015 – 2017 Dhaka, Bangladesh	HSC, Dr. Mahbubur Rahman Mollah College ✓ GPA: 5.00 out of 5.00

Professional Experience

03/2022 – 08/2022 Dhaka, Bangladesh	Associate Software Engineer, KAZ Software ✓ <ul style="list-style-type: none">Upgraded two ReactJS 16 applications to 18Combined four separate ReactJS app to a single micro-frontend app using Single-SPAWritten automated end-to-end testsDeveloped and integrated various features for two different ReactJS applicationContainerized micro-frontend applications using DockerTech: ReactJS, Typescript, Redux, Single-SPA, Cypress, Docker, Git, Webpack
09/2021 – 02/2022 Dhaka, Bangladesh	Intern Software Engineer, KAZ Software ✓ <ul style="list-style-type: none">Designed more than 40 pages of a feature-heavy web application with two different user classes using ReactJS and other technologiesIntegrate features of that web application with REST API backendTech: ReactJS, Typescript, SWR, Redux, RSuite, SCSS

Skills

Languages

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

Database

PostgreSQL, MySQL, MongoDB

Data Science

Tensorflow, Pandas, Numpy, Scikit-learn

Web Dev

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

DevOps and Others

Git, Github, Docker, Heroku

Selected Projects

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**

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 ✓

IICT Resource Management System

A web application for managing, existing resources, and rooms for the IICT, SUST. I developed the front end of this application using **ReactJS**, **Typescript**, **Redux**, and other related technologies.

Dodge The Box [↗](#)

A simple and easy 3D ball rolling game

- Developed in: **Unity3D**
- Source Code: github.com/KhanShaheb34/Dodge-The-Box [↗](#)

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

File Sharing System

A client-server system to share files through socket.

- Built Using: **Python**, **QT**
- Source Code: github.com/KhanShaheb34/FileSharingSystem [↗](#)

SWE Society Website [↗](#)

A website to manage a non-profit organization

- Built Using: **ReactJS**, **ChakraUI**, **ExpressJS**, **PostgreSQL**, **Docker**
- 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 [↗](#)

LawClinic

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

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

Angry Pigs

A fantasy platformer game

- Built Using: **Java**, **LibGDX**
- Source Code: github.com/KhanShaheb34/AngryPigs [↗](#)

Vromon

Local hotel, restaurant, landmarks, and tour guide finder web application. This was developed for Hackathon in BUP Techsurge 2019 and this project made us the First Runner Up. My task was to design the UI.

- Built Using: **HTML**, **CSS**, **Bootstrap**, **Django**
- Source Code: github.com/rafiulgits/vromon [↗](#)

Tao's Adventure [↗](#)

A platformer game built from scratch

- Built using: **C++** and **SFML**
- Source Code: github.com/shaswata56/Taos-Adventure [↗](#)

Snake Mania [↗](#)

The first project in undergrad, a simple snake game

- Built using: **C++** and **SFML**
- Source Code: github.com/KhanShaheb34/Snake-Mania [↗](#)

Awards

First Runner Up, BUP Hackathon 2019

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

Specialist (Max Rating: 1542), Codeforces [↗](#)

Certificates

Deep Learning Specialization Coursera [↗](#)

Tensorflow in Practice Coursera [↗](#)