Shakirul Hasan Khan *Software Engineer*

✉ shakirulhkhan@gmail.com 📞 +8801641186060 📍 Dhaka, Bangladesh ↖ khanshaheb34.github.io

in shakirulhasan ○ KhanShaheb34

💼 Professional Experience

Software Engineer, *Re:cruit* ⌞   2022 – present | Remote, United States
- Created a rich text editor with commenting and highlighting features using **SlateJS** with multiple user real-time editing synchronizations using PubNub for a meeting transcribing web application built using **NextJS**, **Typescript**
- Designed native-like web application using **ReactJS** for using that inside a Mac application using web view
- Written tests for **NextJS** applications using **Jest** and **Playwright**
- Created a full-stack application using **NextJS, Typescript, Prisma,** and **Stitches** to create resumes, save them on a **PostgreSQL** database, enhance them using AI (**OpenAI API**), and export them as PDFs.
- Created a large language corpus tester using **Python**
- Develop auth system using **MagicLink** as well as design some pages for a DAO in **NextJS**

Contract Software Engineer, *Trader's Connect* ⌞   2023 – present | Remote, United Kingdom
- Designed a fully customized and reusable component library for a mobile application in **React Native** using **styled-components**
- Developing a cross-platform mobile application with more than 20 screens using **React Native**
- Integrated oAuth for authentication for a **React Native** application

Contract Software Engineer, *Bengali.ai* ⌞   2022 – 2023 | Remote, Dhaka, Bangladesh
- Developed a web application using **ReactJS** for benchmarking multiple Bengali text-to-speech models
- Created a wrapper server in **Python** using **Flask** to connect machine-learning models with the **ReactJS** web application using socket

Associate Software Engineer, *KAZ Software* ⌞   2021 – 2022 | Dhaka, Bangladesh
- Designed more than 40 pages of a feature-heavy web application with two different user classes using **ReactJS**, **Typescript**, **SWR**, **Redux-Toolkit**, **RSuite**, and **SCSS** and integrated with a **REST API** backend
- Upgraded two **ReactJS** v16 applications to v18
- Combined four separate **ReactJS** apps into a single **micro-frontend** app using **Single-SPA** and containerized that using **Docker**
- Written automated end-to-end tests for a **ReactJS** web app using **Cypress**
- Developed and integrated various features for two other **ReactJS** web applications written in **Typescript**

🎓 Education

B.Sc. (Engg.) in Software Engineering,   2018 – 2022 | Sylhet, Bangladesh
Shahjalal University of Science and Technology ⌞

🧠 Skills

Proficient
NextJS, ReactJS, Typescript, Git, Github, ExpressJS, PostgreSQL, Docker

Others
Python, Java, Rust, Flask, React Native, Google Cloud, MongoDB, Tensorflow, Pandas

📁 Selected Projects

Ramble ⌞
An application to transcribe meetings, get overheard, commitment, and follow up from that meeting, taking notes using voice with the help of AI. **Tech: Typescript, NextJS, Python, Google Cloud, Flask**

Coterm ⌞
Copilot for terminal built using Rust, Vercel edge function, and OpenAI API. **Tech: Rust, NextJS, Vercel, OpenAI API**

Re:sume ⌞
A web application to create and enhance a resume using AI and export it as a PDF. **Tech: NextJS, ReactJS, PostgreSQL, Prisma, OpenAI API**

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. **Tech: ReactJS, Typescript, ChakraUI, C#, .NET**

See More Projects on LinkedIn ⌞