

Samiur Rahman Khan

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SUMMARY

Highly motivated and skilled software developer with a keen interest in problem-solving and a strong foundation in computer science. With three years of experience in software development, I have successfully worked on both frontend and back-end technologies, contributing to large-scale applications. My passion lies in developing efficient and robust software solutions that solve real-life problems. Possessing a can-do mindset and a good understanding of data structures and algorithms, I am committed to delivering exceptional results and continuously improving my skillset. I do what I love and I love what I do.

EXPERIENCE

Full Stack Engineer, 03/2024 - Current

Cognitus Consulting - Arlington, TX

Working on the next generation SAP data migration tool Alchemy, developed the following features:

- Developed pre and post-load mapping of migration data, did data visualization of both state of tables
- Successfully reduced the migration report generation and download time by 50%
- Optimized overall functionality by troubleshooting and fixing multiple flaws

Programmer, 12/2022 - Current

Synesis IT Plc - Dhaka

Worked on the real-time video collaboration software Convay. Played an integral role in improving online communication through the development of essential features for Convay, resulting in an enhanced user experience.

- Enhanced functionality of open source software and customized it to align with product requirements, leading to its acquisition by Bangladesh Computer Council (BCC) and generating significant revenue for the company.
- Increased efficiency and functionality of chat, screen sharing, hand raising, and signaling server components within the application.
- Developed the country's first cross platform realtime communication desktop application, addressing numerous limitations of the web application
- Handled rapidly changing product demands driven by user feedback.
- Developed application using JavaScript, React, WebRTC, and Lua as the primary technologies
- Optimized Prosody service latency to ensure reliable and secure communication via the signaling server

Freelance Web Developer, 01/2020 - Current

Upwork - Dhaka, Dhaka Division

Noteworthy projects include variety of worldwide clients:

- Streamlined social media management by developing an innovative scheduling application, facilitating efficient post and reel planning on diverse platforms.
- Utilized React and NodeJS to build an intuitive data analogy application

SKILLS

- JavaScript
- Node.js
- ReactJS
- MySQL
- Typescript
- NestJS
- Redux
- MongoDB
- CSS
- HTML
- Jquery
- Python
- PHP
- Java
- WordPress
- Spring

EDUCATION

M.Sc in Computer Science : Data Science ,
08/2024

United International University - Dhaka

Higher Secondary School Certificate,
06/2014

Government Science College - Dhaka,
Dhaka Division
GPA: 5.00 / 5.00

**B.Sc in Industrial & Production
Engineering**, 02/2020

**Khulna University of Engineering And
Technology** - Khulna, Khulna Division
General Secretary of IPE students
association

Secondary School Certificate, 02/2012
National Ideal College - Dhaka, Dhaka
Division

GPA: 5.00 / 5.00

- Collaborated on numerous WordPress projects to enhance website functionality and design through responsive layouts, custom themes and plugins, bug troubleshooting, and maintenance.
- Crafted a seller-specific data fetching web application through the employment of the eBay node.js API and OAuth 2.0

Software Engineer, 08/2022 - 11/2022

Tuliptech - Khilgaon, Dhaka Division

- Worked and led the team to develop the web app CareforUK a SaaS: Developed and engineered the system
- Ensured smooth and reliable service
- Worked on the streaming platform of Wtv by fixing various front end issues
- Improved network request latencies by integrating react query into the system

Software Engineer, 06/2021 - 09/2022

Sharetrip - Dhaka

- Worked directly with the world's largest GDSs and integrated with their automated system
- Developed an automated Refund-Reissue system, maintained a high revenue-generating module, and worked and engineered solutions that generated profit from the software
- Primarily worked with Nodejs-TypeScript-NestJS backend with both MySQL and MongoDB databases
- Also worked a little in the front end with React

REFERENCE LINKS

- <https://www.linkedin.com/in/samiur-khan-400547202/>
- <https://leetcode.com/Samiur-UTI/>
- <https://github.com/Samiur-UTI>