Esrat Ebtida Sakib

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sakibesrat71

Why give me a chance?

I am your quintessential software engineer, who has a dream to become an industry-wide renowned engineer. I am not the most hardworking fellow you will ever come across, but I am that perseverant one who will not give up until I achieve what I deem achievable. When the task is to learn and implement new stacks, I can assure you I will be one of the most enthusiastic people in the room

Education

B.Sc	**Islamic University of Technology**, Software Engineering	Class of 2024
	• CGPA: 3.73/4.0 (11th out of 47)	
HSC	**Dhaka College**	Batch 2019
	• GPA: 5	

Work Experience

All Generation Tech ⬈, Application Engineer — Remote, US Based, November 2024
- Worked on a no-code platform named Unquork.
- Gathered experience working in a foreign work environment and culture.

Technohaven Company Ltd. ⬈, Backend Developer — Mohakhali, Dhaka, June 2024
- Worked on a fintech.
- Created tools to automate database migration and deploy in local server.
- Developed and managed the entire CRM API stack

Samsung R&D Institute Bangladesh ⬈, Software Engineer Intern — Karwan Bazar, Dhaka, June 2023 – October 2023
- Created a Python app for both Windows and Linux that is used to assist watchOS's watchface development.
- Learned about RTOS.
- Learned basics of Android Studio to test the assisting app.

Battery Low Interactive ⬈, Junior Operations Associate — Baridhara, Dhaka, September 2022 – May 2023
- Ensured collaboration within teams on projects using project management tools.
- Gathered requirements from stakeholders and made it presentable to the engineers and vice versa.
- Drafted SRS for some major commercial projects.

Kernel International Ltd ⬈, BackEnd Engineer Intern — Gulshan, Dhaka, June 2022 – September 2022
- Created mocha testing suit for the existing backend project.
- Was directly involved in the development of the backend of the app Medibee ⬈
- Maintained and extended older node projects.

Skills

Frameworks: React,Express,NestJS,wordpress,Sprinboot,PyQT5,JavaFX, Java Swing

Database related: SQL,Mongo,Prisma and Sequilize ORM, Liquibase migration framework

QA skills: Mocha Testing, Selenium, Espresso, Jest, Java testing

Concepts: RESTful APIs, Agile methodologies, CI/CD pipelines, Microservice, Server Architecture Patterns

English Language: IELTS scores   ● Listening: 9 ● Reading: 7.5 ● Writing: 6.5 ● Speaking: 7

Projects

Rentigo | A site to rent any consumer products
github.com/rentigo ↗

- Developed the backend using nestJS.
- TypeORM was used to ensure robust database access
- Used redis to create a database and session caching persistence layer.

Blog API for kernel | API for simple blog site with jest testing suit
blogapiKERNEL ↗

- Developed the backend using expressJS.
- Implemented notification sing socket.io
- Used jest testing

Auto DB migrator app
auto-db-migrator ↗

- Desktop app using Python for both Windows and Linux
- Compares two liquibase changelogs and generates a migration script in XML for the "liquibase update" command.

Quack Quack | An effort to demonstrate multiple design pattern using a single java swing app
quack_quack ↗

- Adapter Pattern
- Decorator Pattern
- Factory Pattern
- Iterator Pattern
- Observer Pattern
- Composite Pattern

Micro Service in Java Springboot
microservice_practice ↗

- Created 3 services based on the idea of a library management system
- Springboot
- learned the basic theory of microservice

DinoSpace | A web app for the diners to reserve and check vacancy of restaurant seats
dinospace ↗

- Only experience with frontend using react.
- Authentication module with OTP verification.
- Tracked active users throughout my web app.

Interests

AWS ● Devops ● Micro service