

Md. Abdullah Al Mahmud

Backend-focused software engineer with more than 5 years of professional experience. Interested in AI/ML. Looking forward to working on large-scale data-driven problems.

EXPERIENCE

Sacotec Technologies — Software Engineer

OCTOBER 2021 - SEPTEMBER 2022

- Design, develop, and test the backend and database of an application for the mining industry to manage their work/workers, machines/tools, and work schedules. Improve the app by reducing database calls, and incorporating code efficiency.

VivaSoft Limited — Software Engineer

JANUARY 2020 - FEBRUARY 2021

- Helped develop the backend for [Campus.com](#). Built their configuration management service. Worked on their authentication and search services.
- Developed the backend for [Grönska's](#) vertical gardening system. Maintained and regularly deployed system releases. Helped develop their hardware module.

Jobike Limited — Software Engineer

JUNE 2018 - MARCH 2019

- Designed, developed, and maintained the database, API, and frontend client for the Admin panel to locate bikes, manage users/bikes, and track revenue from merchants. Helped containerize the API and the database.
- Developed a queue-based SMS dispatcher that used multiple SMS providers to reduce the delay in sending activation codes to end users.
- Collaborated on a microservice incorporating mobile banking into the system to help the users recharge their account balance.

GoBD — Software Engineer

JULY 2015 - JANUARY 2017

- Developed a general-purpose broadcasting server to send notifications to users and help them track their delivery packages in near real-time.
- Worked on a Vehicle Tracker based on Raspberry Pi for tracking public buses.
- Built a simple Server Monitor that regularly checks if the enlisted servers are alive. If one goes down, it sends notifications immediately.

EDUCATION

American International University-Bangladesh

BSc. in Computer Science and Engineering - (APRIL 2011 - JANUARY 2016)

- Participated in **Intra AIUB Programming Contests**.
- Was active in the Contest Programmers community.

PROJECTS

- **Flask-REST-Framework** - Re-creation of DRF with Flask.
<https://github.com/Shaphil/Flask-REST-Framework>
- **DRF Auth** - A custom token-based authentication system for DRF.
https://github.com/Shaphil/drif_auth

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SKILLS

Python, JavaScript/TypeScript, Go, Rust

Django, Flask, FastAPI, Actix-Web, React

MySQL, PostgreSQL, MongoDB, Redis, Elasticsearch

AWS, Microservices, REST, GraphQL

Linux, Git, Docker

ACTIVITIES

Participated in the **ACM ICPC Dhaka Regionals**

in 2013 with team

Algorithm_The_Podokkhep

and in 2014 with team

MangoBar.

Participated in **NCPC 2014** with team `_fatalError`

INTERESTS

- Music / Playing Guitar
- Traveling / Hiking
- Electronics projects
- Painting and Sketching

ONLINE PRESENCE

- [LinkedIn](#)
- [GitHub](#)
- [StackOverflow](#)
- [Personal Blog](#)
- [LeetCode](#)
- [HackerRank](#)