Md. Abdullah Al Mahmud

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Backend focused software engineer with more than 4 years of professional experience. Interested in AI/ML. Looking forward to working on large scale data-driven problems.

EXPERIENCE

Sacctec Technologies — *Software Engineer*

OCTOBER 2021 - PRESENT

- Design, develop and test the backend and database of an application for the mining industry to manage their work/workers, machines/tools, schedules etc. Make continuous improvement by reducing database calls, 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 the frontend client for the Admin panel used 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 for sending activation codes to end users.
- Collaborated on a microservice that incorporates 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

Django REST Framework Auth

A custom token based authentication system for the Django REST Framework.

https://github.com/Shaphil/drf_auth

SKILLS

Python, JavaScript, Go

Django, Django REST Framework, Flask, React

MySQL, MongoDB, Redis, Elasticsearch

AWS, Microservices, REST, GraphQL

Git, Docker, Kubernetes

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
- Medium
- LeetCode
- HackerRank