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# Mahdi Mohammad Shibli

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## EDUCATION

**North South University, Bangladesh** – BSC Computer Science and Engineering

January 2017 - December 2021

- GPA: 3.80
- Graduated with Summa Cum Laude Distinction.
- Served as a teaching assistant from 2018 - 2022. I took courses like Java, Database Design, and Data Structure & Algorithms
- Participated in different competitive programming contests.

## SKILLS

**Server:** Nginx

**Scripting:** Bash

**Database:** PostgreSQL, MySQL, MS SQL Server, Oracle.

**Programming:** Python (Django, Django Rest Framework, Fast API). PHP (Laravel), Java, Java Script (React JS, Next JS).

## EXPERIENCE

**Nagad Limited, Dhaka, Bangladesh** – Solution Analyst

June 2024 - PRESENT

- Prepared BRD, PRD and reviews FRS
- Designed API call flow for Nagad Digital Bank and MFS communication.
- Maintaining communication with the business teams, and translation business needs into exceptional technology solutions.

**BRAC Bank PLC, Dhaka, Bangladesh** – Associate Manager

July 2022 - June 2024

- Developed a QR based solution for service review for branch and ATM booths. Questions can be set dynamically for each branch / ATM booth. Automated Reports are sent to responsible employees.
- Developed a report automation solution, which pulls data from more different databases (Oracle, MS SQL Server and Postgre) and shares more than 220 unique reports weekly/monthly/daily to different stakeholders through email/SFTP. It saves more than 200 human working hours on a monthly basis and more than 20 lac BDT on a yearly basis.
- Developed multiple task automation solutions much as bulk configuration changes, data entry.
- Developed a testing suite to automate transaction testing of BRAC Bank's Payment gateway.
- Managed payment acquiring switch, resolving issues and implementing business requirements.

## Karatbars Software Solutions Limited, Dhaka, Bangladesh – Software Engineer

October 2021- June 2022

- Developed a crypto-currency based payment gateway.
- Developed corebacked solution and business logics of MBase Token platform.
- Developed ERC-20 token.
- Wrote API test code for automated testing in CI/CD pipeline.
- Developed data pipelines to pull data from blockchain, analyze transactions and rank wallets for both ethereum (other compliant tokens) and bitcoin.

## PERSONAL PROJECTS

### > connected | স্বাধীন বাংলা বেতার কেন্দ্র 24 – A IP based Chat Server

Amidst the network outages, I developed and served a public IP based chat server to keep up the mass communications and news sharing. The service was online from 4th August to 5th August 2024. There were 12,000 concurrent users. The chat server is mostly like discord, users can create public or private chat rooms. Users can search and join groups.

## AWARDS

- Earned 100% tuition waiver from North South University for 12 semesters.
- Awarded Summa Cum Laude Distinction.