MUSHFIQUL ISLAM CHOWDHURY

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in mushfiqul-islam-chowdhury   ○ mushfiqulIslam

PROFESSIONAL EXPERIENCE

Software Engineer

PIPELINE Bangladesh LTD

📅 05/2022 - Present   📍 Dhaka, Bangladesh

- Writing clean and maintainable code in Golang, Python and designing database schemas for relational and NoSQL databases for software systems and big data manipulation is my primary role. Along with that, my role is to analyze, visualize and prepare pipelines using application data, machine data, and sensor data to achieve confidentiality, compliance, and cyber security.

Junior Software Engineer

Tirzok Private Limited

📅 06/2021 - 04/2022   📍 Dhaka, Bangladesh

- Writing and maintaining apps and modules of odoo(ERP and CRM) was my primary role. Worked with tools like RabbitMQ and Neo4j to prepare an architecture along with odoo.

Junior Software Engineer

Field Information Solutions Ltd(Field Buzz)

📅 04/2020 - 05/2021   📍 Dhaka, Bangladesh

- My primary responsibilities involve writing clean and maintainable code in Golang and Python, as well as building database schemas with relational and NoSQL databases for software systems and massive data handling. In order to accomplish confidentiality, compliance, and cyber security, it is also part of my job to evaluate, display, and build machine learning pipelines utilizing application data, machine data, and sensor data.

PROJECTS

DatalaiQ

- Real-time data monitoring and analyzing platform to improve performance and security.
- Automating, maintaining, and building different data ingestion platforms is my main focus in DatalaiQ.

ThreatIDR

- Protective DNS, prevents malware, ransomware, phishing attacks, viruses, malicious sites, and spyware from entering the network.
- My role in ThreatIDR is working with data analysis features of DNS traffic.

Field Buzz Sales

MY PHILOSOPHY

I find pleasure working in technological fields of Computer Science where solving problem with ongoing needs is the main concern. I would like to work with an organization that will allow me to apply all my skills and experience.

EDUCATION

B.Sc. in Computer Science and Engineering

BRAC University

📅 01/2017 - 09/2021   CGPA: 3.5 (scale of 4)

ACHIEVEMENTS

Champion in Datathon

📅 02/2020

National level competition named MUJIB BORSHO IT CARNIVAL 2020 organized by Dhaka International University.

First Runner-up in Intra-University Programming Contest

📅 10/2018

Intra university programming contest of BRAC University organized by BUCC.

PROGRAMMING SKILLS

Python, Go   ●●●●●○
Java   ●●●○○○
JavaScript   ●●○○○○

TECHNICAL SKILLS

Problem Solving   Shell   Django   Git

Odoo   MLOps   PostgreSQL   Neo4j

Prometheus   Maxmind DB   Redis

RabbitMQ   Computer Vision   zenML

Data Science

- A SAAS platform for sales and distribution management.
- Worked with Django, Postgres, and REST API.

Remark: Worked on QR Code Generator feature. 5000 QR codes can be generated at once with customized sizes and background images.

Jointech Ecom

- Joint is used to prepare functionalities of Jointech on oddo website.
- Integrated OpenStreetMap on the website and loaded depot on the map according to user location.
- Build this module as an addons of Odoo.

Member

- Member is a multilevel marketing strategy-based module.
- Member module allows companies to manage and understand level-related information.
- Implemented this module with Neo4j database.
- Build this module as an addons of Odoo.

Depot

- Depot is an area-based store house and distributor management module for companies working with distributor systems.
- Depot allows company to manage store-wise product, sale orders, purchase order,s and accounting management.
- Build this module as an addons of Odoo.

Wallet

- Wallet allows customers to manage their own Wallet so that they can make hassle-free payments and earn different types of discounts from their payments.
- Build this wallet module as an addons of Odoo.

Field Buzz Status Monitor

- It is used to monitor 300+ api and server URLs and helps to find issues with those URLs.
- Designed the initial model and worked on implementation.

OTP Based Authentication System

- Worked on login with OTP and reset password with OTP.
- This module is built for providing OTP services on Odoo.

Food Any where

- Online food ordering system.
- Build Web version of this system.
- Worked with Django, SQLite and REST API.

VOLUNTEER WORK

General Secretary
BRAC University Computer Club
📅 07/2019 - 07/2020

- Arranged programming contests, student training and study assistance programs.

Coordinator of Event Management
BRAC University Adventure Club
📅 10/2019 - 10/2020

- Organized tours and hosted club fair Spring'19.

RESEARCH

Real Time Action Recognition from Video Footage

- Thesis research work under the supervision of Md.Golam Rabiul Alam sir.
- Worked on a completely new dataset prepared by us.