

Maruf Ahmed



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<https://maruf409.github.io/suijb/>

Skill

Java | Spring Boot | Spring Web Flux | Spring Actuator | Spring Security | JWT | Spring Retry | Resilience4j | Push Notification [FCM/Apns] | Lambda Expression | Stream Api | Jdbc Template | R2dbcRepository | R2dbcEntityTemplate | Data Source | Rest Template | Netty Server | Jetty Server | Encryption Decryption | Jpa | Store Procedure | trigger | View | Ms Sql Server | My Sql | Oacle | Java Script | React | JMeter | Selenium | Jsoup | Redis

Work Experience

Nexdecade Technology Pvt Ltd, Dhaka

August 2023 – Present

Jr Backend Developer

- Use divide & conquer algorithm to find missing dates
- Do versioning in api through Url path
- In Request/ Response body, parameters do encryption/decryption & Obfuscate using custom mechanism where put secret key which is only know backend service and app service
- Implement JWT token based api for security & do one way hashing in password where used sha256 algorithm
- Use webclient , rest Template to call and fetch response from third party api
- Use HikariCp to control number of connections with database
- Handling multiple bean by using Qualifier
- Monitoring whole backend application using actuator framework were check application health, info, bean, metrics, number of connections with database
- Create Custom Exception handler class to catch and through custom message when triggering error
- Multiple Data Source Used in One Application

Naztech Inc

February 2022 – July 2023

Jr Software Engineer

- Writing Store Procedure in ms sql server which are maping with spring boot application
- Extract excels, csv data set using apachi poi and store in database through application
- Scrapping job sites using selenium, jsoup, html unit, process and store database through procedure & Spring boot application
- Debug JavaScript file and add feature as per requirement

Projects

Vehicle Tracking System [M2M, Nexdecade vts]: Aims to provide full control over vehicles with numerous features it has, such as over speed alert, live tracking, engine on/off, fuel consumption, geo fence alert, position alert & many more. More than 10,000 commercial, individual users rely on this application to ensure safety of their vehicles. Build from scratch using spring boot application where ensure api security by doing

encryption/decryption. Password encrypted with one way hashing, improve efficiency by using parallel stream, & lots of stuff do during enhancement of application.

Application link: <https://play.google.com/store/apps/details?id=com.m2mbd.vts>

Push Notification Service: service responsible for sending notification on IOS, Android App where used token-based operation, furthermore use multicast for sending one notification to nth users & use single send operation whenever failed to send notification in individual users.

Tallent-Array: this project goal is scrapping 200+ job sites around the world & short them by stack, experience, location, title after then put it in ms sql server by category wise where use store procedure, jdbc Template to relationship between object & database. selenium, jsoup, html Unit functionally used along with spring boot application. run it periodic time which handle by scheduler.

IQ-365: monitor & filtering transaction which is above limit, also provide numerous features to observe the transaction, as part of the project working on bulk data upload through Apache poi , procedure & others functionality which responsible to read data from different format such as csv file, excel, pdf etc.

Education

United International University (UIU)

January 2016 – October 2021

BSc in Computer Science & Engineering

Relevant Course: Data Structure & Algorithm, Object Oriented Programing Java, Discrete Math, Artificial Intelligent, Software Engineering, System Analysis & Design, Cloud Computing, Probability & Statistics, Database Management System, Computer Network

Reference

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