TAKHIR ASADOV
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EDUCATION

Bachelor of Science, Math — Sep 2020 – present
National university of Uzbekistan

Junior java web developer — Sep 2021 – May 2022
PDP Academy

- *I worked as a team leader in creating a clone of Apelsin.uz (now uzum.uz); I distributed parts of the site to team members; the home page of the site to an individual; the part of transferring money from card to card to an individual; currency exchange part to an individual; I distributed the part of communal payments to individual people, provided them with the necessary support and skills, and supervised them;*
- *I created a library bot; I used telegram log polling and Spring boot for this; in the bot, you can search and download the necessary books by name and author;*
- *I did the project of creating an online ATM; I created the necessary objects using OOP and functionalized the sequence of actions performed in the ATM;*

SKILLS

Languages & Frameworks

Java;
Spring, Spring boot, Spring MVC;
Spring Cloud, Spring Cloud Gateway, Cloud Config,Eureka;
Spring Data JPA, Hibernate;
Spring Security, OAuth2, JWT;
PostgreSql, MySql, MS Sql Server;
Unit testing, JUnit, Mockito;
Maven / Gradle;
MongoDB;
Kafka, RabbitMQ;
PostgreSql, MySql, MS Sql Server;
MongoDB;
Html;
CSS / SASS;
JavaScript / React JS / Redux;
Git / GitHub / Gitlab

Coursework

OOP, Design Patterns, Data Structures & Algorithms, Clean Code, Quality Assurance, Concurrency, Database Managment

WORK EXPERIENCE

Kimyo International University in Tashkent — June 2022 – present
Full Stack Web Developer

- automation of the educational process;
- online monitoring of whether teachers and employees come to work on time and teach classes on time; online monitoring of students' attendance at classes on time (each user has a special ID card, special facilities are installed to the university and each room in the university, when entering and exiting, each user taps his ID card to enter and leave the facility, with this we know when each user came to work; it is possible to determine which class user attended, etc);

- https://lms.kiut.uz is my ERP project, I prepared the complete frontend and backend parts of my project myself; in the process of creating the project, I used Spring Boot for the backend, React JS for the frontend, and MS SQL Server for the database;
- the reason I use React JS for the frontend is that it is convenient, modern and popular for creating a single page application;
- the reason I use MS SQL Server is that the tourniquet device can only work with this database; I worked with more than five hundred million data because the university has more than 25,000 students and more than 1,000 employees, each ID card adds information to the built-up database when touched to each room, which leads to working with a lot of data; In order to bring data from the database faster, I used the method of indexing and writing a function to the database itself, which significantly increased the speed of data retrieval;
- now the team is formed, one front-end and one back-end programmer are involved, and I am the team leader; I advised the frontend to use the 'rsbuld' dependency, because the size of the files on the build page is large when the frontend is built, and it also greatly helps to increase the speed of the frontend's run; I gave the telegram bot part of the site to the backend, and I explained that the webhook is used for the telegram bot, because the webhook provides us with a two-way communication, that is, it connects the request to the bot and the change on the server, the process;
- Technologies used: Spring boot, Spring Data Jpa, Rest Full API, Spring security, JSON web token(JWT), Websocket, Spring MVC, Auditing, Swagger, React Js, Redux, Redux-toolkit, Redux-thunk, MIU