

Alasheev Aleksey

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SUMMARY

I'm backend developer with experience in Java, Kotlin, Python and difference DBMS. I developed many projects during university studying and working. Currently looking for a job as a Java backend developer, also interested in the areas of big data and machine learning.

EDUCATION

- Peter the Great St. Petersburg Polytechnic University** Saint-Petersburg, Russia
B.Sc. Applied System analysis and Management August 2019 - June 2023
- Learning SQL, Java** Saint-Petersburg, Russia
Advanced Java course on Swiftbook, SQL courses on Datacamp, problem solving on LeetCode Marth 2022 - December 2022
- Education on course algorithms and data structures from Yandex** Saint-Petersburg, Russia
Basic data structures, sorting algorithms, bst, graphs, dynamic, code testing April 2023 - October 2023

EXPERIENCE

- Bercut** Saint-Petersburg, Russia
Junior Software Engineer, Software development team for Tele2 business unit June 2022 - June 2023
 - Java SoapUI Linux BPEL Bash PuTTY
 - Completed an internship from June 2022 - December 2022, was enrolled as a junior developer
 - Developed numerous unit tests for new functionality, microservice architecture components, bugfixing and refactoring activities
 - Participated in the development of a telephone number portability service, a billing system for business monetization, and a unified subscriber self-service service
 - Learned how to use wiki and bug tracking systems (Confluence, Jira) and working withing the gitflow methodology team

PROJECTS

- Emotion recognition system based on electroencephalography signals** December 2022 - June 2023
 - Python NumPy Pandas Matplotlib MNE Machine learning Classification methods
 - Worked with ML libraries such as pandas, matplotlib, seaborn, scipy, mne, numpy
 - Worked with classification methods such as k-Nearest Neighbor, random forest, support vector machine
 - Created two emotion recognition systems working with two different datasets DEAP and SEED
 - Learned and applied basic concepts of machine learning, utilized different feature selection, data preprocessing methods
- Hackaton project** Nov. 2022
 - Python Git Machine learning Jupyter Notebook Docker Vue.js
 - Created a module for getting the commit tree and then parsing it into Json
 - Created a learning model based on Catboost to predict the author's assumption of an error in the commit
 - Made web interface for interaction with the program using vue.js
- Music player** Feb. 2022 - June 2022
 - Java MySQL Maven JavaFX JDBC SQL
 - The application was written using the MVC scheme, a window with authorization and registration, a user's music library, a shared library and a music player were implemented
 - Implemented the functions of adding and removing tracks from the library, registering and authorizing users, all the functions of a standard music player
 - Tracks and user data are synchronized with a database running on MySQL
 - Built use case diagram and entity-relationship model based on project results

TECHNICAL SKILLS

- Programming languages and frameworks:** Java, Kotlin, Spring, Python
- Technologies:** SQL, JUnit, Maven, Docker, SoapUI, Git, Bash
- Languages:** Russian (native), English (B1)