

# Andrii Dorokhov     Junior Software Engineer

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I am studying software engineering, and I find it interesting to understand the project's workflow from start to finish. Although I find it challenging to clearly identify myself as a FrontEnd or BackEnd developer, I feel that my strength lies in curiosity and a desire to comprehend the entire development cycle. My main goal is to master Full Stack development in the future.

Upon completing my education, I am actively seeking opportunities to gain experience in a project involving innovative developments. My aspiration is to build a deep understanding of working with databases and APIs, as well as acquiring practical experience in solving complex programming tasks. While I understand that my first job may not necessarily focus solely on Full Stack, at the moment, I lean more towards Front End. Nevertheless, my long-term goal is to become a Full Stack Developer.

## Skills and Qualifications:

- HTML, CSS3, JavaScript, TypeScript, React
- Python, Django, Node.js
- Understanding of SQLite, PostgreSQL, MongoDB.
- Git, Webpack/Gulp, Parcel
- Emacs, VS Code, Pycharm

## PERSONAL PROJECTS:

**WebStudio** & **Barbershop** Technologies: *HTML, SASS, JS*. These are the first portfolio websites I learned to create, strictly adhering to the design layout. They were developed with consideration for semantic structure to enhance SEO. These are simple websites that I occasionally design for clients looking to expand their business online.

**Ice Cream Manufacturer Website.** Technologies: *HTML, SASS, JS, PARCEL*. In this project, the construction of a single-page website was implemented using the Parcel/Webpack bundler and additional npm libraries. The project structure consisted of sections that were combined into one page, making it easier to write and read code. Additionally, adaptive layout was implemented for various screen sizes in accordance with the design layout.

**Team project Filmoteka.** Technologies: *HTML, SASS, JS, HANDLEBARS, Rest API, Ajax, Parcel*. The complexity of the project lay in displaying various content on the main page using JS. The website retrieves information from an open database of movies and has the ability to search for films by keywords. It also allows users to manage their movie database, adding or removing selected films for viewing or adding them to a queue. Creating pagination was another challenging and interesting aspect of the project for me.

## Team project Wallet app & BackEnd Wallet

Technologies: *HTML, SASS, JS, React, Redux, Node.js, Rest API, MongoDB*.

In this team project, I encountered challenges related to the proper configuration of the API and resolving issues in the interaction between the client and the server. Throughout the execution, there was a requirement to maintain code cleanliness and project organization, including code modularization and the application of design patterns. Additionally, I learned to implement authentication mechanisms, effectively manage state using Redux, and work with complex application states. Optimization of queries and interaction with MongoDB was organized as well.

**Blog.** Technologies: *HTML, JS, Django, Python, SQLite & PostgreSQL*. This project was created out of personal interest in implementing Frontend and working with databases in a unified Python-Django environment. The use of the built-in administrative interface was captivating. Python facilitated easy interaction with the database thanks to its powerful ORM. Implementing loops and conditional statements in HTML code was intriguing. The registration process for users and the personal cabinet was implemented seamlessly. It's worth noting that Django limits the possibilities of interacting with forms without reloading the page. The project does not use Bootstrap, but there are plans to implement Ajax requests and utilize React for additional functionality in the future.

## EDUCATION:

**Kharkiv National Automobile Road University**

Transportation organization and management in road transport.

## ADDITIONAL EDUCATION:

**Fullstack Developer, IT School GoIT (2023)**

- Worked with JavaScript and React in project development.
- Collaborated with the team to ensure effective work methods.

**Python Development, Beetroot Academy (2023)**

Specialized in Python and Django development.

**SFI course, ABF - Swedish Language**

I am studying the Swedish language.

## LANGUAGES: English (B1+), Swedish (SFI-D)