

# Alena Katkova

Frontend Developer

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A recent Software Engineering graduate with a bachelor's degree. I am currently completing an internship as Fullstack Developer in an architecture bureau. Prior to pursuing a career in tech, I earned a degree in Public Relations and worked in marketing, where I gained valuable experience in teamwork, which I am excited to utilize in my next role.

A comprehensive display of my skills and project details can be found in my portfolio:

<https://alenakatkova.github.io/>

## SKILLS

Frontend: Frontend: JavaScript | TypeScript | CSS | HTML | React | Next.js | Bootstrap | Material UI | Tailwind | styled-components  
Backend: Node.js | Express.js | PostgreSQL | MySQL | Sequelize | MongoDB | mongoose  
Other tools: Git | Webpack | Gulp | Docker  
Languages: English (fluent) | Russian (native) | French (intermediate) | German (basics)

## EXPERIENCE

**DKFproject** | Sep 2022 — Present

*Frontend & Backend Developer (Internship)*

As a Full Stack Developer, I led the creation of a robust project management web application for an architectural bureau. This tool is designed to be used by both bureau's managers and clients' representatives to facilitate the process of exchanging documents and information regarding the projects. My responsibilities in this role included:

- Interviewing project managers to understand end-user requirements and inform the application's design and development strategy.
- Designing and developing the front-end user friendly interface, optimizing for all user roles.
- Incorporating a document approval feature to facilitate efficient collaboration and document processing.
- Building a session-based authentication system with Redis, prioritizing user data and documents security.
- Implementing the Yandex.Disk REST API for secure, efficient file storage and retrieval.
- Utilizing TypeScript, Next.js, and Express.js for a stable, high-performing application and efficient server-side logic.

## EDUCATION

**Chelyabinsk State University** | Nov 2018 — Mar 2023 *Bachelor of Software Engineering*

**Moscow State University** | Sep 2008 — June 2013 *Bachelor of Public Relati*

## COURSES

- Node.js — Loft School
- React & styled-components — Rodionov's Course
- Advanced HTML, CSS, JavaScript — HTML Academy

## PET PROJECTS

**Essays** — *Docker, React, MongoDB, mongoose, Express*

<https://github.com/alenakatkova/essays>

Driven by my interest in language learning, I developed a web app that allows language learners to practice and enhance their essay writing skills. Here are the key tasks undertaken during this project:

- Developed a user interface using React and styled-components.
- Implemented an API integration with Wikipedia to generate diverse topics for users.
- Added a timed writing feature and a word count to simulate exam conditions.
- Integrated MongoDB to allow users to save and review their essays.
- Implemented a comment section, encouraging peer feedback and interaction.
- Employed Docker for maintaining a uniform development environment.

**Document flow** — *Next.js, TypeScript, PostgreSQL, Express*

<https://github.com/alenakatkova/document-flow>

Drawing on my experience gained working in a marketing company, I developed a web-based document management system to address document flow challenges. With Next.js and Material UI, I created a responsive UI that effortlessly tracks document statuses and generates dynamic task lists based on documents statuses. Using Sequelize and PostgreSQL, I built a robust database model for stable data handling. Redis served for session-based user authentication, while Docker streamlined development and deployment.

**Mishka Store** — *CSS, SASS, Gulp, JavaScript, BEM*

<https://github.com/alenakatkova/mishka-en>

Using my web design skills, I created an engaging HTML layout for Mishka, a store specializing in handmade knitted products. The project focused solely on frontend development, with the layout fully responsive to ensure a seamless user experience across all device types. In order to maintain clean and scalable code, I adhered to the BEM methodology and utilized SASS for sophisticated styling. This resulted in a visually appealing and easy-to-navigate website for Mishka's vibrant product range.