Aleksandra Andreeva

Frontend Developer

Osijek, Croatia

EXPERIENCE

Norwegian Tutor and Proofreader

Freelance SEP 2018 - Present

Norwegian Teacher

Herzen State Pedagogical University + Various Language Schools SEP 2014 - AUG 2018

EDUCATION

Saint Petersburg State University

Bachelor's, Scandinavian Languages, Literatures, and Linquistics SEP 2011 - JUN 2015

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SKILLS

**	JavaScript React CSS/SCSS	TypeScript Next.js HTML/JSX
**	Angular MongoDB Python	Sanity CMS SQL Django
*	Vue GraphQL	Gatsby HTMX

LANGUAGES

English

Full professional proficiency

Croatian

Limited working proficiency

Norwegian

Full professional proficiency

Russian

Native

LICENCES & CERTIFICATIONS

Angular - The Complete Guide Academind, April 2023 Certificate ID: cert_jw09vrxb

NextJS 14 & React - The Complete Guide

Academind, June 2023 Certificate ID: cert_p5k6g6bv

Understanding TypeScript

Academind, July 2023 Certificate ID: cert_wj5qhg9

JavaScript Algorithms - The **Fundamentals**

Academind, October 2023 Certificate ID: cert_vb84ydpx

HTMX - The Practical Guide Academind, June 2024 Certificate ID: cert_j7qly6sh

React - The Complete Guide

Academind, May 2023 Certificate ID: cert_911qx973

CSS - The Complete Guide 2022 (incl. Flexbox, Grid & Sass)

Academind, July 2023

Certificate ID: cert_7r731lz8

SQL - The Complete Guide (MySQL, PostgreSQL & more) Academind, July 2023

Certificate ID: cert_439kpkj3

JavaScript - The Tricky Parts

Academind, January 2024 Certificate ID: cert_t8q6wym9

Udruga Ahimsa website

An informational website for a youth non-profit organisation based in Zadar, Croatia.

repository

TypeScript + React

- Sanity
- nodemailer
- reCAPTCHA

Next.js app router CSS

Integrates with Sanity CMS, so that the website owner can manage all the content with ease.

Deployed to cPanel as a standalone Next.js app to be as light-weight as possible.

Forms are **reCAPTCHA**-protected. When submitted, the data is extracted to **compile** and **send** a confirmation **email** to the sender and a notification email to the website owner.

Centrabit website

An informational website for a crypto start-up and a place to subscribe to their desktop app.

private repo, code can be shown on demand

TypeScript + React

- react-markdown
- nodemailer
- reCAPTCHA
- Paddle.js

Next.js pages router MongoDB SCSS Pages are rendered from .md files, using incremented static regeneration - no need to rebuild the website when the content is updated.

Webshop functionalities are implemented using Paddle's APIs.

The forms are protected with reCAPTCHA.

The backend stores form data in a MongoDB database and sends emails: a confirmation letter to the user and a notification letter to the site administrator

SolidGames website

A multipurpose platform for a gaming community with 3000+ registered members.

private repo, code can be shown on demand

JavaScript

- cropper.js
- reCAPTCHA
- Leaflet.js
- prism
- bitjson/qr-code

CSS

HTML

The website features:

- forum
- real time messaging system
- complex form for uploading user-made mission files
- pbo file parser used to extract ArmA 3 mission data to autocomplete the mission upload form
- custom-made BBCode tag panel
- admin panel for user and content management
- in-browser match replay viewer

I worked on the front end, implementing the given design and connecting the client side to the backend written in C++.

I had the most fun developing the match replay viewer. This utility:

- gets a JSON file of player positions and in-game events
- renders the match in the browser on a map in a sort of video player UI
- allows to rewind to events from the log
- allows pinpoint players from the players list
- aggregates and shows the match stats for every player and squad

Cookbook / Shopping List app

A web app for sharing recipes and keeping grocery lists.

repository

TypeScript + React

- Redux Toolkit
- JSON Web Token
- Framer Motion
- imgbb API

Next.js app router RESTful API MongoDB CSS + Tailwind.CSS Registration and authentication are implemented without any third-party libraries other than JWT.

Database data is **cached** both on server and client, so the number of DB calls is reduced.

Images users attach to their recipe forms are uploaded to **imgbb** image hosting when the recipe is added to the database.

Ingredients of any given recipe can be added to the user's grocery list **in just one click**. Items with the same name and measure units **add up automatically**.

Birthday Zadar Quest Walk

repository

A birthday present for a friend who is new to Zadar and enjoys city quests.

TypeScript Angular SCSS A simple question-and-answer single page application.

Keeps the current question number in the **local storage** so you don't have to start the quest from the beginning if you close the app.

Portfolio

A page to keep my projects in one place.

TypeScript React Gatsby GraphQL CSS Flashy and gaudy because I wanted to practise making fancy borders and animated gradients.

Made with Gatsby so that I can test out a framework that is new to me.