



Vitaliia Marina

Software Developer

Passionate frontend-focused software developer with a variety of skills and interests. Currently based in Ilmenau, Germany. Open to relocation inside Germany.

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WORK EXPERIENCE

Senior frontend developer BurdaForward

09/2022 - Present

Achievements/Tasks

- Worked on developing and improving chip.de (one of the most popular technical websites in Germany).
- Introduced technical improvements to the pipeline (cypress tests, git hooks).

Senior frontend developer Ak Bars Digital Technologies

07/2020 - 09/2021

Achievements/Tasks

- Built a Web Application for DSA using React + Redux + Redux Saga stack. Currently nearly 70% of bank's total loans are being issued with its help.
- Development of a proprietary library of components Ornament using Typescript.
- Successfully implemented FaceID authentication for phygital bank branches.

Fullstack developer Vitacore

02/2019 - 07/2020

Medical software development company that creates technology solutions for the healthcare industry.

Achievements/Tasks

- Developed user interface and functionality for finance documentation module. Later, it was included as a part of software product distributed across hundreds of medical organisations.
- Rewrote a large chunk of C# codebase in Typescript.
- Authored software documentation for several products.
- Refactored source code down to 50% of its original size for one of applications.

Web developer Freelancer

01/2018 - 01/2019

Work on freelance projects as a web developer

Achievements/Tasks

- Created selling landing pages using LESS, SCSS and React.
- Successfully optimized clients' websites for speed thus significantly reducing page load time by 30-40%.

EDUCATION

Bachelor's degree in Computer Science Kazan National Research Technical University

2016 - 2020

Master's degree in Computer Science Ilmenau University of Technology

2020 - Present

SKILLS

HTML5

CSS3

JavaScript(ES2015+)

TypeScript

SCSS

ReactJS

ReduxJS

NodeJS

Git

PERSONAL PROJECTS

Music Quiz game (06/2019 - 07/2019)

- Built entertaining game application with multilingual user interface.
- Developed this game using HTML, CSS and JS, then refactored CSS using SASS.
- Implemented unit tests.

Anitra music recommendation system (04/2019 - 03/2020)

- Built a full-fledged music recommendation system using React and Flask. Used Marvel for wireframing and SCSS for translating it to application layout.
- Used content and collaborative filtering to create the most relevant musical recommendations.
- Created and trained CNN, RNN and CRNN for genre classification using Keras. Managed to get 86%, 79% and 92% validation accuracy respectively.
- Used melfrequency cepstral coefficients in order to improve training data's quality which greatly increased results' accuracy.

Electronic document management system (04/2019 - 05/2019)

- Designed and developed a fullstack web application using React, Redux, PostgreSQL and Django. Improved application's security level through implementing AES algorithm for protecting clients' private data.
- Won best project award out of 10 projects in Kazan National Research Technical University.

VOLUNTEER WORK

Django Girls Coach (08/2019 - Present)

Django Girls is an international non-profit organization created to inspire women from all backgrounds to get interested in technology. I am a mentor and a speaker.

ITeam Teamleader/Co-organiser (10/2017 - 06/2019)

ITeam was a bi-yearly held project competition for students of KNRTU-KAI. My responsibilities included curating groups of students and providing media coverage for a competition.

LANGUAGES

English

Full Professional Proficiency

Russian

Native or Bilingual Proficiency

German

Limited Working Proficiency