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React Developer

Olga Pigareva

Birthday: 06.04.1985

Job and residence permit: unlimited in Germany and EU

Location: Cologne / Dusseldorf / Remote

I've been working on IT projects for over 10 years. React and the modern frontend world are my passion. I started my career in project management but noticed over the years that due to my technical background, I'm happier being a software engineer and since then have been working successfully as a frontend developer. In some projects, I took over the responsibility to lead a whole team, including frontend architecture design and was a part of an agile team building successful products. In myself, you will find a proven expert in building performant and elegant applications (SPA) with React and JavaScript for your project.

Skills

- More than 4 Years Experience in React and Frontend Development
- React, JavaScript (ES 6 -11), TypeScript, React Native, Node.js, PHP
- Redux, Redux-Saga, Redux Form, Gatsby, Storybook, Webpack, Grunt, Babel
- HTML5, CSS3, LESS, Bootstrap, styled-components
- REST, AJAX, RPC, Websockets, Protocol buffers
- MySQL, MongoDB (Mongoose), Algolia, PWA, Git, GitLab, GitHub, Bitbucket
- A/B Tests with Optimizely, User-Labs, Tracking with GTM
- Test automation: TestCafe (e2e), Karma, Chai, Sinon, Jest, Enzime
- Scrum, Agile, Kanban, JIRA, Confluence
- TDD, CI/CD, and Web-Performance Optimierung
- Fluent German and Englisch

Achivements

- Public talk "Web performance optimisation for bigger applications" at React Cologne Meet-up (February 2020)
- First place in "Google Speed Race Germany" with billiger-mietwagen.de (2019)
- Certificate for "Advanced programming with React.js" (2018)

Projects

<u>Online translator</u>

Deepl GmbH (deepl.com), Cologne

09/2020 till 01/2021

Project
Scaled, modernized, and extended the existing web interface for an online translator. Its web interface consisted of a rich text editor with extended functionality and checkout pages. Introduced modern tools and technologies to the micro frontend architecture within a mono repository. A particular focus was on the modernization of the development, build, and deploy processes.

Role
Software Developer, CI/CD Advocate

Responsibilities
- Development of the core product
- Frontend architecture
- Code reviews
- Creation and maintenance of technical documentation
- Introduction of Git Feature Branch Workflow and merge requests
- Pair programming

Technologies
React, JavaScript (ES6 - 11), Gatsby, Webpack, Babel, HTML5, CSS3, LESS, Protocol buffers, RPC, git, GitLab, Docker, Jenkins, PHP, TestCafe

Area
Online service

<u>E-commerce responsive and high-performance SPA</u>

SilverTours GmbH (billiger-mietwagen.de), Cologne
08/2018 till 08/2020

Project
The customer had a monolith repository with different code bases for desktop and mobile versions of the application, which were hard to maintain and extend. The main goal was to create a responsive mobile-first application that would allow the code to be reused. The project included all phases starting from the technical concept and design to implementing a complex SPA application. The unique feature of this e-commerce project was the absence of a fixed database of currently available rental cars. Instead, it was required to fetch this information from the providers every time not only to present the search results but also for a product page and product configuration like pickup station or time. The focus was, therefore, on a complex data flow and asynchrony. Every major feature should be rolled out by an A/B test and qualitatively tested in

user labs in close cooperation with UX designers. Monitoring using New Relic, tracking of customer behavior, and Web Vitals were implemented. A component library, including a storybook, was created.

Role
Software Developer

Responsibilities
- Concepts and plans for frontend architecture
- Agile development of responsive pages
- Write unit and end-to-end tests
- A/B tests and User-labs
- Web performance optimization
- Code review
- Organization of IT-events and tech talks

Technologies
React, JavaScript (ES6 - 11), TypeScript, Redux, Redux-Form, Redux-Saga, Webpack, Babel, Karma, Chai, Sinon, Jest, Enzime, TestCafe, HTML5, CSS, styled-components, Optimizely, New Relic, Algolia, Docker, Vagrant, git, GitLab, PHP, REST API, PWA, GTM

Area
Car renting

Certification "Advanced development with React"
05/2018 till 06/2018

E-learning tool
CaT Concepts and Training GmbH, Köln
05/2017 till 04/2018

Project
Replaced an outdated in-house software with a modern and scalable one for the company that provided a platform for online courses. This authoring tool should allow the instructor to create online courses, control tasks, interact with students in real-time. One of the project's key features was that online users should be immediately notified about the activities of the other users. In one year, an Alpha version, including an automated and modern build process, was set up.

Role
Software Developer

Responsibilities
- Frontend development of SPA

- Introduction of automated build process
- Write unit tests

Technologies
JavaScript (ES6 - 9), Node.js, Webpack, Grunt, Babel, Karma, Chai, Sinon, Enzime, HTML5, CSS3, Websockets, GitHub, Travis, git

Area
Online service

Further development of a real estate portal with React and node.js

Homelike Internet GmbH, Cologne
02/2017 till 03/2017

Project
For a B2B real estate portal, where you can search for accommodation for a business trip, some UX improvements should be made.

Role
Software Developer

Responsibilities
- REST APIs development
- Implementation of new frontend functionality

Technologies
React, JavaScript (ES6 - 7), Node.js, Express, MongoDB (Mongoose), git, Github

Area
Real estate

Web pages development

Freelance, Cologne
01/2016 till 05/2017

Project
Creation of different responsive web pages for different customer groups.

Responsibilities
- Web-pages development from scratch
- Startup a pet project

Technologies
React, JavaScript (ES6), HTML5, CSS3, LESS, PHP, MySQL, git, GitHub, Bootstrap, Bitbucket

Area
Real estate, tourism, agency

Product Owner
Priority Health Germany GmbH, Cologne
12/2014 till 01/2016

Responsibilities
- Product management: new online booking platform
- Online Marketing, marketing and sales analysis

Area
Pharma

Full time language courses
Bénédict School GmbH, Cologne
01/2014 till 09/2014

IT Project Manager
Telecontact (www.telecontact.ru), Moscow
01/2011 till 12/2013

Responsibilities
- Project management: CRM development (ISO 9001, COPC, PMI)
- Specifications design for IT team

IT Project Manager
FALT-Dynamic (www.falt-dinamika.ru), Moscow
04/2010 till 01/2011

Responsibilities
- IT-project management (two IT-Teams)
- Business process certification according to ISO 9001

IT Project Manager
Innovation Center MIPT, Moscow
08/2006 till 04/2010

Responsibilities
- IT-project management, elaborating of business plans
- Business process analysis and certification according ISO 9001

Academic Studies

09/2006 – 06/2008
Master of Science (recognized in Germany)
Applied Mathematics and Physics
Specialization: Management and System Analysis
Moscow Institute of Physics and Technology (State University)

09/2002 – 06/2006
Bachelor of Science (recognized in Germany)
Applied Mathematics and Physics
Specialization: Physical Processes Modeling
Moscow Institute of Physics and Technology (State University)