



# Florin Jerdea

Senior React Frontend Engineer · Contractor · Freelancer

I am a Senior Frontend Engineer with a **Bachelor's degree in Automation and Computer Science** and **9+ years of experience**, only interested in remote work.

I use my expertise, skills and passion to design and implement **clean and maintainable software solutions** for online businesses worldwide.

**Drop me a message** if you think my expertise could help your organization!

## CONTACT

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## SKILLS

JavaScript	9 years
TypeScript	6 years
React	6 years
Next.js	2 years
HTML & CSS	9 years
Sass	3 years
TailwindCSS	3 years
Node.js	2 years
Express.js	2 years
Nest.js	2 years
SQL	3 years
Unit Testing	9 years
REST API	9 years
GraphQL	2 years
CI/CD	3 years

AWS · Vercel · Netlify · Azure  
Docker · Storybook · Figma

## EDUCATION

### Polytechnic University

BA in Automation & Computer Science  
Timisoara, 2012-2016

## MOST RELEVANT WORK EXPERIENCE

### Senior React Frontend Developer

Sep 2022 - June 2023

RWE | DigiX | Internal Project Management Tool

The client, one of the biggest energy company worldwide, was struggling to manage their existing and newly created renewable offshore energy projects, due to lacking a web application.

- **Increased energy experts' productivity by entirely replacing the old way of interacting with the offshore energy projects in more than 20 countries around the world** by designing and implementing from scratch a modern and easy to use web-based tool for storing and manipulating data in a role based confidential way.

Skills: JavaScript, TypeScript, React, axios, React Query, React Hook Form, Material-UI, CSS Modules, Sass, React Testing Library, Google Maps API, git, Azure DevOps, Figma

### Senior React Frontend Developer

May 2022 - July 2022

Icon Group | Waster | The waste pass

The client, a company analyzing and managing waste streams, was struggling to optimize the emission reduction and energy creation during the process of burning waste, due to lacking a web application.

- **Ensured 100% successful delivery in less than 3 months and optimised the process of burning waste** by designing and implementing a web application from scratch that offered data collection and analysis for hundreds of sets every day using camera technologies, sensors, and artificial intelligence.

Skills: JavaScript, TypeScript, React, axios, React Query, React Hook Form, Material-UI, CSS Modules, Sass, React Testing Library, git, auth0, netlify, Figma

### Senior React Frontend Developer

Aug 2020 - May 2022

Discover | PRMS | Financial Application

The client, one of the biggest financial companies in the US, was unable to scale their business and was struggling with low productivity among financial experts, due to the outdated and painfully slow web applications they were working with.

- **Increased financial experts' productivity by up to 3X** by improving their interaction with customers and data by designing and implementing a new app from scratch using the latest technologies, resulting in a easy-to-use highly-efficient productivity tool for them.

Skills: JavacSript, TypeScript, React, React Testing Library, React Query, MirageJS, Tailwind CSS, GraphQL, npm, webpack, git, Jenkins, Figma, SonarQube

## Senior React Frontend Developer

Jul 2018 - Aug 2020

[The Access Group](#) | [Tag-components](#) | [Web components library](#)

The client, leading provider of business management software and solutions, was wasting an important amount of time and money on the software development process, due to lacking a centralized web components library for standardizing the design & functionality of his existing products and for creating new ones.

- **Decreased software development time by up to 50%** by reducing styling, testing, and maintaining time for the most usual components in the app by designing and implementing two robust web components libraries, one for React & one for VanillaJS and all frameworks clients could develop apps with.

Skills: JavaScript, TypeScript, React, Stencil, Storybook, Formik, React Hook Form, Sass, webpack, rollup, npm, git, Azure DevOps, Jenkins, Jira

## Senior React FullStack Developer

Oct 2017 - Jul 2018

[Simplify](#) | [Glossary](#) | [Data harmonization tool](#)

The clients, active in financial area, were wasting a significant amount of time and money, due to lacking a centralized platform for storing massive amounts of data.

- **Decreased time and personnel cost wasted on data manipulation by up to 5X** by storing all information experts had to use in a single place by designing and implementing a modern, intuitive web-based tool keeping all metadata and relations behind data structures, allowing users to interact with data in a swifter way.

Skills: JavaScript, TypeScript, React, Redux, Java, Spring Boot, JUnit, maven, Solr, npm, maven, git, Jenkins, SonarQube, Jira

## Senior AngularJS Frontend Developer

May 2017 - Oct 2017

[Allianz-Tiriac](#) | [SalesOffice](#) | [Insurance Application](#)

The client, one of the biggest insurance companies in Romania, was facing low productivity among brokers and was wasting time, due to lacking a modern application for issuing car insurances to customers.

- **Increased the number of emitted policies by up to 50% and the brokers' productivity by up to 2x** by improving their interaction with customers by implementing the creation of a new part of an existing modern web application where data manipulation was significantly better.

Skills: JavaScript, AngularJS, Unit Testing, HTML, Sass, npm, TFS, jira

## FullStack Developer

Jul 2014 - May 2017

[DialogData](#) | [Skillz](#) | [People management Application](#)

The client, a renowned software outsourcing company, was losing a great deal of time and money assigning employees to projects that were not suitable for them, due to lacking a centralized platform where both clients and employees could find the best fit for their expertise and requirements.

- **Increased productivity & satisfaction of employees and customers by up to 50%** by taking into consideration both developers' expertise and clients' requirements by architecting and implementing a modern web application, collecting information and generating overviews of the best possible matches.

Skills: JavaScript, AngularJS, Java, Spring Boot, maven, Node.js, Express.js, MySQL, jest, webpack, npm, git, CI/CD, Jenkins, Jira, Confluence