

# Stefan Frede

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[www.frede.io](http://www.frede.io)

[LinkedIn](#) | [XING](#) | [GitHub](#)

A front-end developer specializing in native javascript. Skills and experience include:

- HTML and (S)CSS
- JavaScript
- Jest, Mocha, and Chai
- Redux and Redux-Saga
- Webpack, Git, and GitLab CI
- Docker

## PROJECTS

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**Aboutbooks GmbH** (<https://www.lovelybooks.de/>)

*LovelyBooks is a meeting point for readers, authors, and publishers.*

I realized promotions from publishers on the platform for new books.

- Refactored the CSS to reduce the size and introduced the BEM notation to increase the reusability.
- Improved the responsiveness to make the pages scale from small to big screens according to the design specifications.
- Calculated a vertical rhythm based on the designs to enhance readability.
- Removed unnecessary and updated the remaining JavaScript to reduce the size and increase the page load time.

**ARIGO Software GmbH** (<https://www.arigo-software.de/>)

*Arigo is a specialist in building automation and tracking solutions.*

I developed a replacement for the jQuery-based tree component.

- Built with Polymer 2 to fit into the rest of Arigos system.
- Wrote unit tests with Mocha and Chai to improve the code quality.
- Built a Docker container for GitLab CI to make sure that code ran against the unit tests before merged into master.
- Wrote documentation to enhance usability.

I developed an interface to interact via a WebSocket connection with the back-end over a REST API.

- Set-up the development environment with Webpack and Babel to use modern JavaScript, ensuring usability for older browsers and Docker to run requests against the REST API.
- Cached requests with Redux to increase the performance.
- Handled requests with Redux-Saga asynchronously ensuring consistency.
- Applied functional programming principles to improve readability, reusability and reduce the chance for errors.
- Wrote unit tests with Jest to improve the code quality.
- Set-up GitLab CI to make sure that code ran against the unit tests before merged into master.
- Wrote documentation to enhance usability.

#### **50plus-Treff GmbH** (<https://www.50plus-treff.de/>)

*50plus-Treff is a dating and friendship platform for everyone over 50.*

I implemented the redesign to make the entire website mobile-friendly.

- Built the site with Bootstrap 3 to speed up development time.
- Used a responsive grid to scale from small to big screens.
- Worked with SCSS mixins and variables for code reusability.
- Implemented a build process for JavaScript with Gulp to bundle and minify JavaScript libraries to decrease the page load time.
- Transpiled code with Babel to use modern JavaScript, ensuring usability for older browsers.
- Set-up a Webpack dev server for local development.
- Implemented linting with eslint and stylelint to improve code quality.

#### **Experteer GmbH** (<https://www.experteer.com/>)

*Experteer is the executive career service for leading professionals.*

I built the initial website as well as a lot of in-house tools.

- Worked with a large team of software engineers in a Ruby on Rails stack website.
- Implemented code standards to enable the team to construct front-ends.
- Focused on front-end performance, scalability, and maintainability.

## WORK EXPERIENCE

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Aboutbooks GmbH

Web Developer, 2019 – current

ARIGO Software GmbH

Web Developer, 2017 – current

50plus-Treff GmbH

Web Developer, 2010 – current

tracdelight GmbH

Web Developer, 2016 – 2018

Experteer GmbH  
Web Developer, 2005 – 2017

72sign  
Web Developer, 2013 – 2015

Wildsterne GmbH  
Web Developer, 2011 – 2014

Termine 24 GmbH  
Web Developer, 2012 – 2012

Studio M.U.C.  
Web Developer, 2011 – 2011

Voycer Ag  
Web Developer, 2011 – 2011

CertoClav Sterilizer GmbH  
Web Developer, 2010 – 2011

Kickz AG  
Web Developer, 2004 – 2009

TSG International AG  
Web Developer, 2006 – 2009

spielraum GmbH  
Web Developer, 2004 – 2008

Dirty Jerz GmbH  
Web Developer, 2006 – 2007

Brodel Automation  
Web Developer, 2004 – 2005

esolut GmbH  
Web Developer, 2003 – 2004

## EDUCATION

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Macromedia - Akademie für neue Medien  
Digital Media Designer, 2003