

Stefan Frede

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

A front-end developer with a focus on HTML, CSS, Accessibility and Progressive Enhancement.
Skills and experience include:

- HTML and (S)CSS
- Responsive Web Design
- Accessibility and Progressive Enhancement
- Vanilla JavaScript
- Web Components, LitElement, and lit-html
- Jest, Mocha, and Chai
- Redux and Redux-Saga
- Webpack, Git, and Continuous Integration
- Docker

PROJECTS

Schweisthal Beschlag- und Schließtechnik GmbH (<https://www.schweisthal.de>)

Schweisthal is a sales representative for locks, fittings, and security systems.

I built a web app to configure a locking system.

- Set-up the development environment with Webpack and Babel to use modern JavaScript and ensure it will work on older browsers.
- Used LitElement to create the Web Components.
- Handled state with Redux.
- Cached requests to the REST API with Redux to increase performance.
- Used the GitLab CI to make sure that the code was linted before merged into the master.

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

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

I built 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.
- Cleaned up the JavaScript to reduce the size and decrease the page load time.

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

Arigo is a specialist in building automation and tracking solutions.

I built 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 built 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 it works on 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

- Aboutbooks GmbH
Web Developer, 2019 – current
- 50plus-Treff GmbH
Web Developer, 2010 – current
- Schweisthal Beschlag- und Schließtechnik GmbH
Web Developer, 2019 – 2020
- ARIGO Software GmbH
Web Developer, 2017 – 2019
- 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
- Voyager 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

Macromedia - Akademie für neue Medien
Digital Media Designer, 2003