

## Contact

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## Top Skills

Hands-on Technical Leadership

Front-End Development

Software Design Patterns

## Languages

Dutch (Native or Bilingual)

English (Full Professional)

## Publications

Building Responsive Web Applications

Getting started with dotfiles

Client-Side Templating

ECMAScript 6 (ES6): What's New In The Next Version Of JavaScript

Using OpenAI with JavaScript

# Lars Kappert

Always looking for challenging opportunities

The Randstad, Netherlands

## Summary

Lars Kappert is an independent frontend architect & developer.

He brings 20 years of experience from one-off campaigns to full-blown development platforms.

Expert in JavaScript, TypeScript and Node.js. Plenty of hands-on experience in related frameworks like React and Next.js and tooling around frontend such as performance and test automation, DevOps with GitHub Actions, cloud services (Amazon/Azure), Nx, Turborepo, etc.

Always interested in exciting & challenging contract-based projects. Preferably remote, or in the Utrecht area.

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## Experience

### SeniorWeb

Freelance Frontend Tech Lead

July 2024 - Present (5 months)

Utrecht, Netherlands

All things frontend, teamwork!

### bol

Freelance Senior Frontend Engineer

May 2024 - May 2024 (1 month)

Utrecht, Netherlands

Helping out the frontend team to make bol.com even faster!

After some in-depth analysis, we've implemented some improvements on the spot, looked into further optimizing Node.js and Next.js, and made a plan to further squeeze out more milliseconds from response times.

### Grit

Senior Software Engineer

January 2024 - March 2024 (3 months)

Created TypeScript workflows for the Grit CLI/SDK, created custom optimized React components in the Grit Studio, installed Bun package management in the monorepo, and so much more.

## Kadena

Full-stack JavaScript Developer

May 2023 - October 2023 (6 months)

Netherlands

Migrated open source offerings to a modern monorepo tooling stack optimized for flexibility and speed (using Turborepo, Changesets, Vitest, etc) to maximize DX (developer experience) for Kadenians and the community at large.

## Eneco

Freelance Frontend Tech Lead

May 2020 - December 2022 (2 years 8 months)

Rotterdam, South Holland, Netherlands

Started as a senior frontend developer, but within a few months took on the role of architect and lead developer of a new platform for scale and performance. The foundation for a range of websites and apps for the Eneco Group brands and countries. Had a great time steering and solving all kinds of challenges around developer experience, guidance, developing and organizing the building blocks, DevOps, project structure, documentation, and many many more. Getting the trust and space as the frontend tech lead to work on this, with some great colleagues, for more than two years allowed me to gain a lot of new knowledge and experience for which I am very grateful.

## Fontem Ventures B.V.

Freelance Frontend Engineer

October 2019 - May 2020 (8 months)

Amsterdam Area, Netherlands

Architecture, performance, and development of medium to large-scale B2C React/Next.js applications, including Node.js APIs.

## Stater N.V.

Freelance Frontend Lead

September 2019 - October 2019 (2 months)

Amersfoort

Architect & develop a brand new React-based application (mortgage calculator/application). Mentoring the team to learn and build upon this foundation.

## PLUS Retail

Freelance Frontend Architect

April 2019 - July 2019 (4 months)

Utrecht Area, Netherlands

Researching and architecting the foundation for the new Plus.nl frontend (full R&D with Next.js, React, Storybook, Cypress, etc). The same for backing this with a new (RESTful) microservices architecture using Node.js, OpenAPI standards, deployed to AWS (using API Gateway, Lambdas, DocumentDB, etc).

## Dott

Freelance Full-stack Developer

January 2019 - March 2019 (3 months)

Amsterdam Area, Netherlands

This project involved building a feature-rich internal dashboard using React + TypeScript.

## RTL Nederland

Freelance Frontend Architect & Developer

September 2015 - September 2018 (3 years 1 month)

Utrecht Area, Netherlands

Architecture and development of the Videoland platform (videoland.com); and APIs for web, mobile and smart TV apps. Always in the lead improving stability, performance, maintainability, build processes, etc. Proud to have established a frontend platform that is running for 3 years, and still flourishes.

Primary tools: Javascript, Node.js, React + Redux, Babel, Webpack, Restify, Redis, Docker, RabbitMQ, Kibana

## Schiphol

Freelance Frontend Developer

July 2015 - August 2015 (2 months)

Amsterdam Area, Netherlands

Pilot application for internal event processing of flights, passengers and luggage flows. Built from scratch using React, Redux, Webpack; written in modern JavaScript.

## Mirabeau

Freelance Front-end Developer

May 2015 - June 2015 (2 months)

Architecture and development in a joint effort of YourSocial and Mirabeau for an upcoming Singapore Airlines media campaign.

#### ticketscript by Eventbrite

Freelance Front-end Architect

December 2014 - March 2015 (4 months)

Amsterdam Area, Netherlands

Define and design the front-end architecture for TicketScript's B2C and B2B web applications. Develop a styleguide, backing brand new responsive and fast websites and applications.

#### Albelli

Freelance Front-end Lead

June 2014 - November 2014 (6 months)

Lead in migration to Git, to modern build and test tooling, and modularizing large applications into reusable components. Assist in building the core responsive HTML5 applications.

#### Minus3

Freelance Front-end Developer

May 2014 - June 2014 (2 months)

Development of a cool app for Nike. Mostly data visualization, using Backbone, Highcharts, CoffeeScript.

#### Spil Games

Freelance Web Architect

February 2014 - May 2014 (4 months)

Design of the Spil Games' HTML5 Game/GamePlayer API (JavaScript architecture & implementation).

#### Rabobank

Freelance Front-end Architect

January 2013 - December 2013 (1 year)

Defined and designed the front-end architecture for Rabobank's landscape of websites and mobile web applications within their "Visie 2016" roadmap. Together with stakeholders like back-end (CMS, services), design (Concept, UX) and other architects, a robust and modern foundation has been laid out to further continue the design and development of responsive and fast websites and applications. Additional keywords include tooling, automation, workflow, and documentation.

## Medicore

Freelance Architect & UI Engineer

April 2012 - January 2013 (10 months)

Preliminary to building a proof of concept, I wrote technical requirements, did front-end solution research, and created a solid architecture for a new GUI for the Medicore web-based software application.

Architecting & implementing a new GUI framework for the Medicore web-based software application. Building on top of the latest and greatest technology stack (Backbone, jQuery, Lo-dash, RequireJS, Node.js, responsive design, mobile first) to make sure it works fast, and everywhere.

## SURFnet

Freelance Front-end Developer

April 2012 - April 2012 (1 month)

Joined the scrum team for one 3 week sprint, and did a full re-implementation of the front-end. By means of a brand new styleguide, using Twitter Bootstrap as foundation, and some custom JavaScript, the front-end is now more structured and extensible.

## NoProtocol

Freelance Front-end Developer

March 2012 - March 2012 (1 month)

With NoProtocol for NOISE. Within three weeks time, I implemented the front-end for this adaptive/responsive website (no longer active: <http://appsinthe.nl>). It works on desktop browsers (even IE7), mobile devices, and integrated in both an iOS and Android app.

It progressively enhances the experience by using e.g. CSS 3D animations if the browser supports it.

## Spil Games

10 months

Freelance Performance Engineer

October 2011 - January 2012 (4 months)

The work involved front-end architecture and consultancy, performance monitoring and analysis, writing and automating test scripts, and best practices advocacy. Ultimately to shave off all bytes and milliseconds to maximize perceived performance, improving the user experience.

### Freelance Senior Front-End Engineer

April 2011 - October 2011 (7 months)

Providing a broad range of skills in our scrum team to improve the games portal/applications on Hyves and Facebook: software design, code refactorings, performance tuning, and of course building new features.

### Stichting Bibliotheek.nl

Freelance Senior Front-End Engineer

December 2010 - April 2011 (5 months)

Providing consultancy to the front-end team in the fields of QA, performance and architecture.

Bibliotheek.nl will be releasing a common whitelabel portal to be used by any library in the Netherlands, and is based in The Hague.

### Adternity

Freelance Senior Front-End Engineer

August 2010 - October 2010 (3 months)

Amplifying the two-man team with front and backend skills. Injecting (and implementing) knowledge regarding performance and release management. Development of new features based on customer input in a bi-weekly release schedule.

The specific application is a backend based on the Symfony framework (PHP) with Propel (ORM) to manage advertisements, advertisers, publishers, conversions, etcetera in a rich Ajax application (grids, modals, etc.).

Adternity GmbH is an Online Marketing Solutions company based in Duisburg, Germany.

### Backbase

Senior Technical Consultant

May 2007 - August 2010 (3 years 4 months)

For just over three years I was working for Backbase. It has a very innovative and dynamic environment and is (still) a key player in Rich Internet Applications. Lots of nationalities, lots of talents packed in one Amsterdam office. Within Backbase I could further improve my web development skills, while especially in the areas of communication and (technical) leadership I noticed I was able to deliver above average (e.g. coaching, training, pre-sales/proof-of-concepts, team lead).

Besides aforementioned soft skills, I focused mostly on all aspects of RIA, UX, integration and performance tweaking using Javascript, HTML, CSS, XML and XSL. Usually based on progressive enhancement and supported by the Backbase Client Framework 4 and the Rich Portal 4.

Clients included: KPN, Ziggo, Philips, Absa, Bank of America

## WebPro Internetdiensten

Owner

February 2001 - June 2010 (9 years 5 months)

Netherlands

Early this millennium I started my own company, offering both webdesign and webhosting services in The Netherlands. Delivering hosting services is simply not my passion, so this unit was terminated by 2009.

By August 2010, I became a full-time contractor offering web consultancy, while keeping the shortened WebPro company name.

## eFocus

Client-side & Server-side programmer

August 2005 - May 2007 (1 year 10 months)

For almost two years, eFocus was a great company for me to start developing my skills in a more professional environment. I quickly moved to larger projects and bigger teams, while finding my way between perfectionism and pragmatism.

Clients included: Wegener, Ernst & Young, Eén Vandaag, Erasmus University Rotterdam

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## Education

Hanze

Bachelor, Information and Communication Technology · (2001 - 2005)

University of Groningen

propaedeutics, Economics · (1999 - 2001)