

Contact

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(LinkedIn)

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Top Skills

JavaScript

Node.js

React

Languages

English (Full Professional)

Dutch (Native or Bilingual)

Publications

Building Responsive Web Applications

Introduction to HTML5 Web Storage

Client-Side Templating

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

Progressive Enhancement 101: Overview and Best Practices

Lars Kappert

Freelance Frontend Architect & Developer

Utrecht Area, Netherlands

Summary

Lars Kappert is an independent frontend architect/developer. He brings almost 20 years of experience, and specializes in architecture, solutions, performance, tooling, and development of web sites and applications. Core web technologies include HTML5, JavaScript, Node.js, and CSS.

Always interested in exciting & challenging projects (not permanent employment) in the Utrecht area (or remotely).

Experience

RTL Nederland

Freelance Frontend Architect & Developer

September 2015 - September 2018 (3 years 1 month)

Utrecht Area, Netherlands

Architecture & development of the Videoland platform (videoland.com) and APIs for mobile & 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)

Pilot application for internal event processing of flights, passengers and luggage flows. Built from scratch using React, Redux, Webpack; written in ES6.

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

Freelance Front-end Architect

December 2014 - March 2015 (4 months)

Define and design the front-end architecture for TicketScript's B2C and B2B web applications. Start development of a styleguide, towards 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 one of the key players in Rich Internet Applications. It evolved from a client-side framework to complete solutions for maximizing online customer experience. 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 am able to deliver more than the average developer (e.g. coaching, training, pre-sales/proof-of-concepts, team lead).

Besides more abstract skills just outlined, 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 Backbone 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, comprising of a webdesign and a webhosting unit. The latter, although successful in some ways, has been terminated end of 2009. Delivering hosting services is simply not my passion.

The "webdesign" unit derived its title from some vague term people usually associated with "building websites". I am not specialized in creating visual design for the web, yet more in translating these visuals into a website or application that works and interacts with people.

In August 2010 I started as a full-time freelancer with a new, internationalized brand and more specialized services.

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

Education

Hanzehogeschool Groningen / Hanze University of Applied Sciences
Groningen

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

University of Groningen

propaedeutics, Economics · (1999 - 2001)