Vitali Zaidman

Web Expert, Tech-Lead, Blogger, and Researcher.

github.com/vzaidman   linkedin.com/in/vzaidman

medium.com/@vzaidman   facebook.com/vzaidman

twitter.com/vzaidman   vzaidman@gmail.com

Meetup Videos

Improve React Performance—

I've recently worked a lot on performance improvement. I've read a lot of articles, and written a lot of lines of code. I've even maintained one of the most important libraries to detect performance issues (why-did-you-update), and later wrote an even better library from scratch (why-did-you-render).

My lecture will focus on how React's Virtual DOM actually works, and how to work with it efficiently when performance issues arise. We will also talk about what "performance issues" actually mean, and how to detect them.

Filmed @ Negev web developers meetup at wix offices, Beer Sheba

Jan 23, 2019

Podcasts

My JavaScript Story - Vitali Zaidman—

In this episode of My JavaScript Story, Charles hosts Vitali Zaidman, Technical Lead at WellDone Software Solutions

Apr 14, 2019

JavaScript Jabber - "An Overview of JavaScript Testing in 2018" with Vitali Zaidman—

In this episode, the panel talks with programmer, Vitali Zaidman, who is working with Software Solutions Company. He researches technologies and starts new projects all the time, and looks at these new technologies within the market. The panel talks about testing JavaScript in 2018 and Jest.

Sep 18, 2018

Open Source

vzaidman.com—

This site is built with an open source project that is written with vanilla js.

It allows developers to compile a full HTML website of a tiny size

Apr 12, 2019

React-Redux—

A small but important performance fix in the early stage of react-redux migration to React hooks

Apr 12, 2019

Why Did You Render—

why-did-you-render monkey patches React to notify you about avoidable re-renders.

(Works with React Native as well.)

Apr 29, 2018

memoize-last-for-key—

Creates a function that caches the last result of arguments, by key calculated from the arguments.

Jun 19, 2017

xml-fix-loader—

A webpack loader canonizing xml files, fixing issues like unquoted attributes:

<div width=100px /> → <div width="100px"/>

Mar 8, 2017

FileListPlugin—

A webpack plugin to list all deployed files.

Feb 26, 2017

Publications

CSS Theme Organization Best Practices—
The three levels of theme abstraction that would make your CSS themes invincible.

Jul 23, 2019

Babel.js Guide -Part 1- The Absolute Must-Know Basics: Plugins, Presets, And Config—
What is Babel and how to use it? What are presets and plugins, and in what order Babel applies them?

Jul 04, 2019

How To Keep Track of Your Pinned NPM Packages?—
How to document/comment why package.json packages are pinned to specific versions? How to enforce no one accidentally updates them?

Apr 14, 2019

Track React-Redux Redundant Re-Renders With "Why Did You Render" Version 3—
@welldone-software/why-did-you-render@^3 tracks redundant Hooks re-renders + React-Redux@^7 uses hooks = Great way to track React-Redux redundant re-renders!

Apr 13, 2019

Track Redundant React Hooks Re-Renders With "Why Did You Render" Version 3—
@welldone-software/why-did-you-render version 3 is released with many features, including tracking of React hooks issues.

Apr 5, 2019

An Overview of JavaScript Testing in 2019—
The web has evolved, and yes- Testing has too.

Feb 18, 2019

Beware of Missuses of CSS-in-JS—
A common, hard-to-find, issue I'd like to share with you.

Jan 14, 2019

Why Did You Render Mr. Big Pure React Component Part 2- Common Fixing Scenarios—

What to do with the many console logs you are probably about to receive when you start using @welldone-software/why-did-you-render?

Nov 19, 2018

Why Did You Render Mr. Big Pure React Component???—

Tracking unnecessary React component re-renders using the @welldone-software/why-did-you-render library.

Nov 19, 2018

The Open Source Community- The Great Spontaneous Distributed Collective Effort—

How to use complete strangers for your own benefit while making their own life better and even contributing to humanity?

Jul 25, 2018

An Overview of JavaScript Testing in 2018—

TL;DR; Use Jest for unit and integration tests and TestCafe for UI tests.

Feb 9, 2018

redux-toolbelt: Supercharge Your Redux—

10x less code, 10x more redux power - part 2 - the basics.

Feb 3, 2018

An Overview of Developer Tools for Windows—

An overview of tools that will help you program faster and become a code summoning wizard.

Jul 28, 2017

Clever Library Wrapping—

A Small Tip That Will Save You a Lot of Time, Bugs, and Rage.

Apr 21, 2017

An Overview of JavaScript Testing in 2017—

This short guide is intended to catch you up with the most important reasoning, terms, tools, and approaches to JavaScript testing.

Apr 19, 2017

How to Get Into the Web Development Field?—

tl;dr build a website and understand as much as you can about it. Here is a suggestion for something you can begin with.

Mar 3, 2017

How Can Aspiring Programmers Improve Their Chances to Find a Good Job?—

Two weeks of self-study are enough to give an aspiring programmer an edge over others competing for the same job.

Mar 3, 2017

Education

The Open University of Israel

The Open University is open to anyone who wishes to study towards a bachelor's degree, without any prerequisites or screening process. However, the Open University still has high standards and demands academic achievements from its graduates.

B.Sc., Computer Science

2010 - 2014

Projects

WellDone Software Solutions

A software solutions, development and tutoring company.

Full-Stack Developer, Tech Lead

2012 - present

Up until around 2016, I worked on various short-term projects as a web and mobile ninja.

Since 2016, I have been working as a Tech Lead and a Team Leader in several projects of the company.

I also research, lecture, and blog about web technology on behalf of the company.

- SCRUM - Git - SEO - JavaScript - Node.js - React - Angular - Docker - iOS - Android - Windows Phone - Community Relations - Management - Sales

PowToon

Cloud-based software for creating animated presentations.

Front-End Developer, Tech Lead

2016 - present

Initially I started off in charge of migrating PowToon's Web App from Full Flash to HTML5-React-Redux, essentially re-building the site from scratch. I created the infrastructure of the project and did the core graphical-mathematical work as well.

Our team of around 8 people consisted of developers from WellDone Software and PowToon. I was responsible to tutor and train PowToon's staff in learning everything about HTML5-React-Redux.

Later, I worked on the project's CI, testing, PowerPoint plug-in, and many other side projects.

- Management ▪ Agile ▪ Git ▪ Git flow ▪ AWS ▪ React ▪ Redux ▪ Docker
- BitBucket Pipelines CI ▪ TestCafe + Jest Testing ▪ TypeScript ▪ Css-Grids ▪ Storybook

10bis

The biggest Israeli online app and payment platform for ordering food from restaurants.

Full-Stack Developer, Tech Lead

2018 - present

I was responsible for the technological aspect in re-building the 10bis website from scratch with a team of 5 people. We did it in a very short time, even though some people from the team were unfamiliar with Next.js and React.

Later, I was responsible for improving the site's SEO and performance.

- SEO ▪ Management ▪ Agile ▪ Git ▪ Next.js ▪ React ▪ Redux ▪ Docker ▪ Cypress Testing
- Storybook

UENI

A London based company that provides small businesses with an easy, inexpensive way to get online.

Full-Stack Developer, Tech Lead

2017 - 2018

I was responsible for building the website from zero with a team of 6 people.

- SEO ▪ Performance ▪ Management ▪ Agile ▪ Git ▪ Next.js ▪ React ▪ Redux ▪ Storybook

harmon.ie

User experience tools for intelligent email and Office365/SharePoint Management.

Full-Stack Developer, Mobile Developer

2013 - 2016

In this very intense three year period, I had the opportunity to work on many of harmon.ie's products. We developed web apps, Microsoft Office Plug-ins, and several apps for Android, iOS, and Windows Phone using Cordova.

During that time, I gained a lot of experience with various APIs by creating a cross-platform aggregation software that combines information from SharePoint, SalesForce, social networks, management platforms, and e-mail.

- Agile
- Web Services
- Git
- React
- Redux
- Sencha
- Cordova
- Android
- iOS
- Windows Phone
- Microsoft Office Plugins
- SharePoint
- Various API's like Facebook, SalesForce, and Zendesk