



Vitali Zaidman

Open Source Maintainer and Enthusiast,
Web expert, Tech-Lead, Blogger, and Researcher.



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Projects

WellDone Software Solutions

A software solutions, development and tutoring company.

Full-Stack Developer, Tech Lead

2012 - present

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

Since 2016, my responsibilities included working on various projects (usually 2 at the same time) as a Tech Lead and a Team Leader.

▪ 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

I was the first front-end developer in the re-building of PowToon in its HTML5-React-Redux version (migrating from a full flash web app). I created the infrastructure of the project and did the core graphical-

mathematical work.

I was responsible for a trained team from WellDone Software and for the shifting of PowToon's developer's team to React-Redux from their previous flash (ActionScript) specialty. Later, I worked on the project's CI, testing, PowerPoint plug-in, and 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 restaurant payment clearing and food ordering company.

Full-Stack Developer, Tech Lead

2018 - present

I was responsible for re-building the 10bis website from scratch. We did it in a very short time with a team of around 5 people, where some of them were new to React. We used server side rendering.

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

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

UENI

A London based company providing small easy businesses with an easy, low-cost way to get online.

Full-Stack Developer, Tech Lead

2017 - 2018

I was responsible for creating the very performance and SEO oriented website with a team of 5 people, using Next.js

- SEO
- 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 got to work on many of harmon.ie's products, on the web, on different mobile devices using cordova, and on Microsoft Plug-ins. I got to work with many API's to create a cross-platform aggregation software that combines information from SharePoint, social networks, management platforms, and e-mail.

- Agile
- Web Services
- Git
- React
- Redux
- Sencha
- Cordova
- Mobile Devices
- Microsoft Plugins
- SharePoint
- Various API's like Facebook, Salesforce, and Zendesk

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

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