Nolan Neustaeter Full-Stack Web Developer

Code Typer   CSS Wrangler   Data Organizer   Responsiviser   API Enthusiast

Hello, my name is Nolan and I make things. Mostly I make things for web browsers but I also make:

- overcomplicated woodworking projects
- a fantastic butternut squash soup
- lame "dad" jokes

I first started making websites for family and friends 19 years ago. Since then, I've worked with other platforms and languages but I'm always drawn back, eventually.
Some people complain about how fast the industry changes but that's always been one of my favorite aspects of web development. There's always a new or interesting language, library, or platform to learn so boredom is hard to come by.

Lately, I've been focussing more on front-end development so I've been able to learn some amazing libraries like React and Vue.js as well as some of the newer tooling projects like Webpack.

I currently use a Macbook Pro for development with as many monitors attached as I can manage.
I use Sublime Text 3 for my editor with Firewatch as my syntax theme and Fira Code for my font.

Languages and Frameworks and Platforms.

Stuff I use every day

Languages

JavaScript (es6)   CSS
PHP   SASS
HTML   SCSS

Frameworks

React + Redux   Laravel
Vue JS + Vuex   Bootstrap

Libraries

Lodash   Quill
Axios   DropzoneJS
Draft.js   Dragula

Platforms

Nginx   Amazon Web Services (AWS)
Apache
Linux
Docker

Tooling

Git   Gulp
NPM / Yarn   Babel
Webpack

Technologies

Flexbox   JSON
CSS Grid   Websockets
LocalStorage   Continuous Integration
REST APIs

Stuff I have used

Languages

C++   Java

C#   COBOL (yes, really)

Frameworks

Symfony   ASP.net

Codeigniter

Platforms

Node   Google Compute Engine

IIS   Wordpress

Stuff I am learning

Languages

TypeScript   Rust

Swift

Frameworks

Angular   React Native

Technologies

Augmented Reality (AR)   Progressive Web Apps (PWA)

Recent Projects

In 2015 I rebuilt my employer's product listing component using React.

It features a prominent search bar, optional filters, and automatic pagination when the user scrolls near the bottom of the page.

The product data is stored locally as an array of JavaScript objects so the searching, sorting, and filtering is nearly instant. The design features a generous amount of whitespace and is fully responsive on smaller devices.

Here is a link to one of the sites that is using the product listing component.

Search by year, make, model, type, color, transmission, drivetrain, featur	**42** matches	Price Up

2016 Toyota Yaris
LE

Stock Number: YH064902
VIN: VNKKTUD37GA064902

New

8 L/100 km City
7 L/100 km Hwy

1.5L 4 Cyl.
Automatic (4 Sp...

Fuel: Gas

Original Price 18,760
Savings -1,000
Price **$17,760**

2016 Toyota Prius c

Stock Number: PR124982
VIN: JTDKDTB3XG1124982

New

70.6 L/100 km C...
56.5 L/100 km Hwy

1.5L 4 Cyl.
CVT (1 Speed)

Fuel: Hybrid

Original Price 23,955
Savings -960
Price **$22,995**

2016 Toyota Corolla
Sport - Sunroof

Stock Number: CO515043
VIN: 2T1BURHE3GC515043

8 km
New

Fuel: Gas

1.8L 4 Cyl.

Slate Metallic Black

Original Price 24,075
Savings -1,000
Price **$23,075**

Screenshot of the product listing page built with React

This last year I was tasked with building a completely new product for the company which has been awesome.

I can't go into much detail since the product hasn't been officially released but the technology stack I chose was:

Hosting
Amazon Web Services EC2 - fast and cost efficient
Web Server
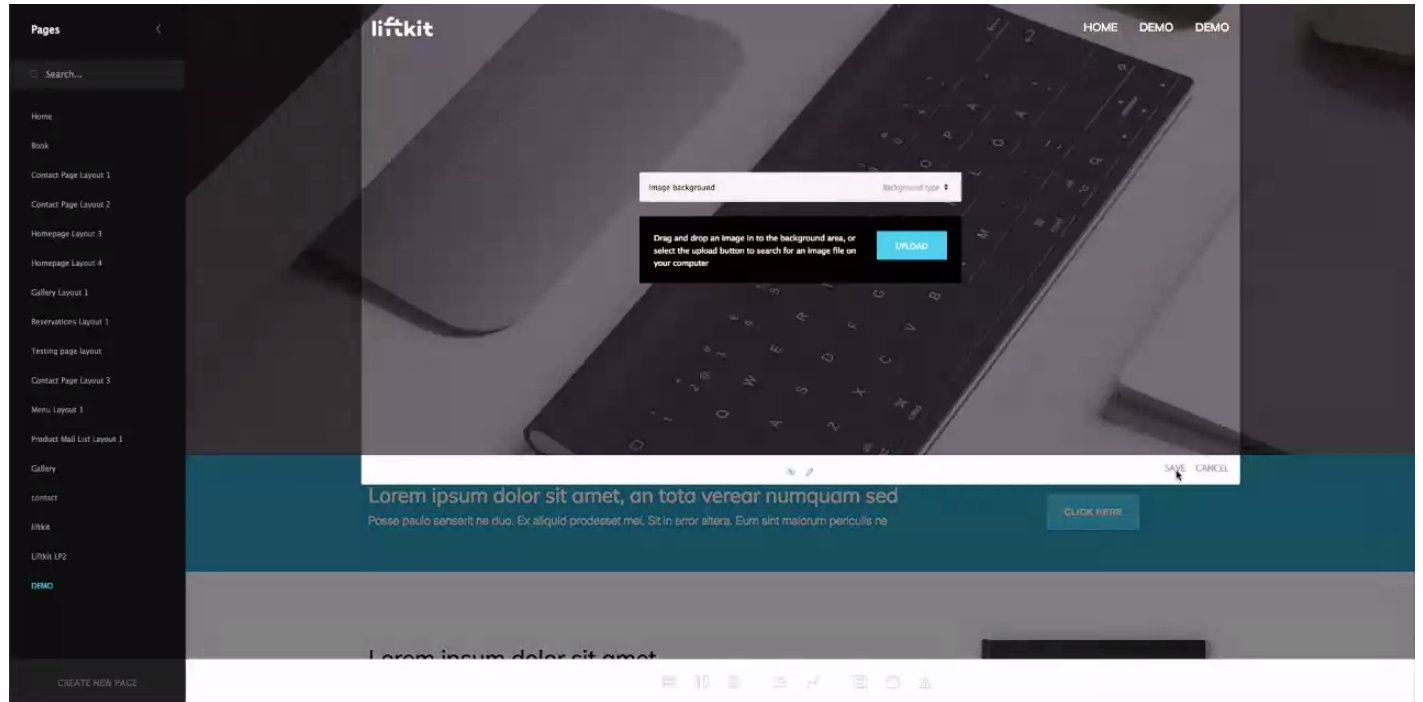Nginx - fast and very configurable
Backend language
PHP7 - huge speed improvement over PHP5.x and the other devs are already familiar with PHP from our existing products
Backend framework
Laravel 5 - I've been using Laravel since version 2 and I love it's attention to code readabillity and having an easy to use API
Frontend framework
Vue.js - This was a tossup between Vue and React. The main deciding factor was that I would soon be bringing some junior devs on to the project and React has a steep learning curve at the beginning

Teaser video of just one part of my previous project

This type of project is something that I have worked on a few times in the past so I already had some ideas that I wanted to try out in regards to how to configure the web server and the data structure.
It's on the home stretch now so as I'm able, I'll add more details about this new product here.

If you want to chat about anything…

send me an email at nolan@neustaeter.ca
or
call me at (250) 804-8589

The source code for this document and a few other experiments can be found at:

https://github.com/noolan