Patrick Stephan

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ABOUT ME

I have been building websites and web applications both professionally or as a hobby for 17 years. I am a highly skilled, well-rounded, full-stack developer. I am experienced with Javascript, Vue, React, CSS, SASS, Bootstrap, Tailwind CSS, building traditional and SPA applications, PHP, Laravel, NodeJS, serverless architecture, MySQL, RDS, Aurora Serverless, numerous AWS services, server administration, infrastructure architecture and development. Needless to say, I love every aspect of development. More recently, I have moved up into management. My desire is to help improve the developer's experience and the environments they work in. I work to promote more efficient teams, more stable applications, and happier engineers. I love mentoring and growing those new to the industry.

EXPERIENCE

Curate

Software Engineering Manager   *Mar 2019 - Present*

As the engineering manager I am tasked with maintaining a positive environment for the engineers, delivering completed features on time, minimizing issues with the application, and assisting any team member with a variety of systems related needs. I am responsible for the state of our sprints and leading the engineers to contribute their best work.

I led efforts in massively improving the performance of the application, architecting new features, and designing and deploying improved infrastructure for the application. I migrated our application from a shared server to a cloud infrastructure. I was heavily involved in the research and development of a serverless, micro-service setup for the new version of the application.

I took a grossly overworked team of developers that delivered wildly inconsistent sprints and implemented processes to greatly improve their consistency and work/life balance.

All Star Car Dealership

Sr Software Engineer   *Apr 2018 - Feb 2019*

All Star is a Chrysler family (Chrysler, Dodge, Jeep, RAM) car dealership. My responsibilities at All Star included the development and deployment of ancillary websites, automating inventory processing, creating website templates, and developing an in-house dealership website. Most of the applications were Vue SPAs built on the Vue CLI or Nuxt, styled with Tailwind, and powered by Laravel based micro-services. Projects included:

- **Landing sites**. These websites included a powerful inventory search system that filters results as you type. They also included wizard-like systems to walk users through long forms and shortening the car-buying process.
- **An Inventory System**. I built a custom inventory system for the dealership that imported vehicles from a 3rd party inventory provider (Homenet IOL) and processed them into a system that made it easy for the other applications to access. The inventory system also imported vehicle incentives, applied them to the vehicles, and exported them back to Homenet for aggressive pricing on all sales platforms. A frontend was also added to allow personnel to add, remove, and override vehicle incentives.
- **Email Templating Software**. Inventory constantly changes at dealerships. Since we didn't want to send email templates with incorrect inventory or pricing, I built a system that allowed me to create templates that automatically pulled in up-to-date inventory listings.

Metrogistics (Now Acertus)

Sr Software Engineer   *Oct 2016 - Apr 2018*

Metrogistics is a vehicle transportation brokerage company. They transport vehicles for manufacturers, dealer groups, and individuals. I worked with a team of developers there to build and maintain the numerous applications that the company used to manage and sell transportation services. The sites and applications built here were traditional web apps built on Laravel, Vue.js, Bootstrap and hosted on either Digital Ocean or AWS.

- **TMS**. I helped maintain their transportation management system. This was their flagship system. The TMS gave their largest customers the ability to order transportation services online. It was a multi-tenet, hyper-customizable ordering system. Each customer had a custom designed ordering system. This brought interesting challenges. I led efforts to simplify the codebase, improve customization, establish git flow

procedures, introduce zero-downtime deployments, implement automated testing, and make other improvements.
- **Order Automator**. Metrogistics' core software system that every application relied on was a very old, 3rd party system. Unfortunately, this system did not have an API and would randomly crash at various stages of inputting orders. Adding data had to be done by hand and was very time consuming. I was able to utilize a headless browser to automate the inputting of data. I also built it to run each process in multiple steps and reattempt any failed steps. This automation saved thousands of man hours and we were able to move employees to other responsibilities because of it.
- **Other contributions**. There were a number of other systems that I worked on as well including a customer care portal, a satellite location performance tracking application, a phone/SMS based status updating system built on Twilio, and a system that imported orders from NetSuite. I implemented unit and end-to-end testing, zero-downtime deployments, and other reliability improvements on a number of systems.

BluSolutions
Lead Software Engineer   *Feb 2015 - Oct 2016*
Blusolutions was a web agency that specialized in car dealership websites. I worked with a team of other developers and designers while there to build websites and custom applications for a number of dealerships and other companies. Apps were built using a number of different technologies including Laravel, CodeIgniter, ModX, Facebook, Vue, AngularJS, jQuery, Bootstrap, and they were hosted on Media Temple, Digital Ocean, or AWS.

As the lead developer, I led research and development on all software related projects. Designed and built custom web based solutions for both internal and customer facing systems

Web Developer   *Mar 2012 - Feb 2015*
I designed, developed, programed and maintained websites for automobile dealerships and other companies. Programmed online solutions and programs. Worked directly with clients on custom projects. Researched and developed customized solutions for client needs. Built internal workflows and developing and researching new tools and technologies to increase company productivity. Projects I worked on included:
- **Torch**. Torch was a multi-tenant CMS. It allowed you to build pages using draggable blocks that could dynamically analyze the SEO power of the page. You could create websites on the fly and host multiple white-labeled site managers on it.
- **Vehicle Comparison Pages**. Our dealership sites had what we called "comparison pages". They would line up a vehicle that the dealership sold with several competitor vehicles. Stats would be displayed that could be compared along with images and incentives to promote the vehicle. A backend system was built to import and manage the data. Managers could upload the data via CSV or manually. The system also integrated with the Edmunds API for data, incentives, and images.
- **My Market Now**. My Market Now was a custom ordered project. A client needed software to manage and track tent sales at dealerships. We built a custom solution that allowed the client to add sales events to the system, manage salespeople, input orders, and track and chart sales to determine profitability.

Divine Design
Web Developer   *Apr 2008 - Jan 2012*
Divine Design was a media agency specializing in church-based media. I was responsible for building and maintaining our multi-tenant CMS along with the websites that it hosted. I also built a number of smaller in-house applications. I used vanilla PHP, jQuery, and Flash for the application and hosted them on various shared hosting services.

CERTIFICATIONS
- Zend Certified Engineer
- AWS Certified Cloud Practitioner

REFERENCES
References available upon request