

# JIM VANPETTEN

SENIOR FULL STACK WEB DEVELOPER 630.945.7776

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## SKILLED – 20 YEARS SMB - ENTERPRISE EXPERIENCE

Jim is a full stack master developer, hands-on coder/designer, expert in web-design and application development, fluent in all major frameworks including .Net, PHP, and Java. He is also a skilled server admin on Windows IIS, Sun Glassfish (J2EE) and Apache. He is an equally competent DB admin expert in \*SQL, MySQL, and Oracle. He works in the latest versions of Visual Studio, VSCode, Android Studio, Adobe Suite and Eclipse IDE. On the side Jim is a skilled photographer and videographer/editor,

- .NET >10 years
- .PHP >10 years
- JAVA >4 years
- AI 2yrs
- Oracle, \*SQL, MySQL >10 years
- JavaScript >10yrs, jQuery >10yrs, VB >10yrs, React 2yrs, Node 2yrs, Typescript 2yrs, AppScript 4yrs
- HTML5, CSS3, Responsive, Bootstrap, Tailwind >10yrs
- API/Web Services, Swagger, AJAX, XML, Soap >10yrs
- Web dev, Web Design front-end, back-end >10yrs
- CMS, Oracle, WordPress, Drupal, Craft >10 years
- e-commerce, NetSuite, Big Commerce, Woo Commerce, Shopify, Stripe >10 years
- Mobile Development React Native, Java 2yrs
- Mobile Device Management (Google, Scalefusion) 2yrs
- Google Address Autocomplete
- Search Engine Marketing / Optimization
- Internet Marketing / Advertising
- Google tag manager, Datalayer
- Google Extensions
- Google Analytics API, Salesforce API, Facebook API, Zendesk API, all serve and consume.
- Telematics, Canbus, obDii, ELD
- GEO Location, Google Maps
- Tabulator
- Dropzone
- G-Suite 4 yrs

### C

### CONTACT

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### E

### EDUCATION

#### BA - Music Composition

Columbia College / Chicago IL  
1983-1988

### P

### PERSONAL

**Married, 3 children**  
**(31,28,25)**

**Hobbies:** Music, Sailing, Chess,  
Computers, Audiophile,  
photography, civil law

### E

### EXPERIENCE

**2021-Present: MTI Transportation:** is a medium sized trucking conglomerate headquartered in Winfield, IL. MTI owns a handful of trucking related companies including Total Trucking Solutions software suite (TTS). I was brought in to develop new features of their TTS application and to oversee and redesign all the websites: [mtitransportation.com/](http://mtitransportation.com/) [spartanfreightlogistics.com/](http://spartanfreightlogistics.com/) [vrhtrackingtech.com/](http://vrhtrackingtech.com/)

The company was using third-party hardware and software systems that were not optimized for their specialty, over-the-road trucking. I assembled a small team of crack coders from Hanoi. We then tapped into the SDK from the hardware manufacturer and wrote a brand-new, mobile application geared to their specific needs featuring nationwide vehicle tracking, routing, route optimization, predictive late delivery intelligence, Compliance, truck/cargo monitoring, enterprise stats and analytics. Then we topped it off with a web-based control panel, and a total truck management system. The app suite is so powerful they intent to market it to the entire over-the-road trucking industry.

Technologies: AWS, React Native, PostgreSQL, Swagger API, PHP control panel, Android Studio, VSCode, Telematics, Canbus, OBDii, Google Maps/Direction Services, Wialon, ELD compliance/FMCSA, Tailwind CSS, Tabulator, Dropzone.

One of the coolest things I did here: *I came up with a order entry tool that eliminated double entry into multiple systems based on Google Extensions.*

*I don't think this has ever been done before but knew the business needed a solution badly. You see they had 3 major applications that weren't able to be connected via API*

*and each order had to be entered separately, ~50 fields (Name address, phone...and the whole order), not to mention a working master which was in Google sheets. Here's where the magic comes in. The one thing that most applications have in common today is the browser. So, I wrote a Google extension that pulled the order records out of SQL (ERP) and then a click of a button in the menu bar reposted all fields into the other 3 application. Now they only have to enter the order into their ERP and then push the button and all ~50 fields populate into any application open in the browser. EPIC!*

**2018-2021: PromarkBRANDS** is the parent company of several high-end, international brands in the commercial photographic lighting and accessories industry. A Solo project! I was brought in to redevelop, and redesign all websites including the corporate website and subsidiary brands (all of which were 5-15 years old), and implement full e-commerce online stores for roughly 10,000 products to be fully integrated with existing ERP systems (Infor Visual) including Sales, Inventory, Order Entry, Customer Service and Accounting, and develop e-marketing and online sales strategies. WordPress / Woo Commerce, PHP, MySQL, MSSQL, Windows IIS. Sites include

[Promarkbrands.com](http://Promarkbrands.com)

[Speedotron.com](http://Speedotron.com)

[Smith-Victor.com](http://Smith-Victor.com)

[Dotline.com](http://Dotline.com)

[QTM.com](http://QTM.com)

[Mola-light.com](http://Mola-light.com)

[Photoflex.com](http://Photoflex.com)

[Photogenic.com](http://Photogenic.com)

**2016-2018: Weber-Stephen** Billion-dollar multi-national manufacturer of back-yard barbecue grills: Couple dozen misc. applications including MVC (Razor), .Net (web forms), Mobile apps, custom CMS apps, Google Datalayer Library, PHP, Laravel, Craft, Classic asp, xml data source (you've got to ask), Zendesk API, Rackspace CDN file management system API, and more.

## OLDER:

**Kerr Dental:** One of the largest dental equipment manufacturers in the world. Whole new website (small team)  
Drupal/PHP: <https://www.kerrdental.com/>

**Brasseler Dental:** Another major multi-national dental equipment manufacturer. Whole new website (lead developer)  
WordPress /PHP: <http://brasselerusadental.com>

**Brentano Fabrics:** Large multi-national fabric manufacturer. Bi-annual site re-designs since 2012 (solo) VB.NET / WordPress [www.brentanofabrics.com](http://www.brentanofabrics.com)

**Max Challenge:** Health club chain. New website, applications, Facebook API (Solo) WordPress/PHP  
[www.themaxchallenge.com](http://www.themaxchallenge.com)

**MasterFinish:** one of the largest electro-plating companies in the world serving the automotive industry: Operations applications. .net C#, entity sql... (solo)

**Sandoz/Novartis:** Major pharmaceuticals, billion-dollar multinational website maintenance and updates (solo):

- <http://omnitrope.com/>
- [www.glatopa.com](http://www.glatopa.com)
- [www.myomnisource.com](http://www.myomnisource.com)

## M

## MAJOR ACCOMPLISHMENTS

### .Net Development, Database migration, Server Administration, WordPress Integration, IT management:

A large multi-national manufacturer of high-end fabrics had a real-time data driven website based on Access database. Page loads were upwards of 8 seconds per page. The client wanted to reduce that considerably without having to migrating to a new database system. I implemented a transparent MySQL layer for web and built a custom interface to their Access db that slashed the page loads by about 6 seconds. Then I rewrote almost all the queries to fetch ALL data in one call per page placing them in hash tables and/or json arrays (one of my specialties). This cut about another second off page-load getting us to about 1 second, most of which is straight html and high-resolution images.

Over the years I've done dozens of other projects for this client including full maintenance of the website, monthly updates / press releases, and the implementation of WordPress for content management which greatly reduces maintenance costs (yep, WordPress on .Net—a custom re-write by me, now my standard). Recently I moved them from a Go Daddy hosting environment at to an enterprise class dedicated super-server from OVH.

Technologies: VB.Net, IIS8, WordPress on .Net, MySQL, MSSQL, jQuery / JavaScript

## **PHP Development and design, Application Development, Database design (MySQL), e-commerce integration**

Internet startup Consumer Insurance Guide, Inc. wanted to implement an online store for agents to buy insurance leads from several categories including, Auto, Health, Homeowners and Life. I was contracted to implement a fully functional online store with full tracking and payment systems. Keys to success included the utilization of the free WordPress plugins WP Online Store, and my in-depth experience with this module making the scope of the project relatively low-cost, highly functional and scalable. What we accomplished in the cost of 5 figures is quoted in the low 6 figures by most of the industry competitors. Why charge people to re-design a wheel when the source code already exists?

Technologies: PHP Bluehost/Apache, WordPress, MySQL, jQuery / JavaScript, Photoshop,

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## **Java Development, Oracle/SQL development, Creative Design, SEO**

Geico life insurance needed clean and tight landing pages for this high-profile partner. I had to go through 80 pages of Java and JSP in the quoting module to accomplish this daunting task. I don't think any front end / UX guy could have done this as there is a tremendous amount of back-end code (JSP) intertwined with the view pages. I actually came up with a really interesting use of Dreamweaver to edit JSP and push code to CVS, Glassfish and Eclipse without compiling every mod. This sped up development from herein for this client by 10x. I've also done many Java applications for this client, Dashboard reports, Aptitude test with a focus in minimizing trips to the db!, Life Expectancy calculator, and a fascinating Java/Oracle WordPress implementation (driven by the editorial department).

Technologies: JAVA, Sun / Glassfish, WordPress, Oracle, jQuery / JavaScript