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Engineering Management • Enterprise Application Architecture • Elegant UX / UI • Graphic Design • Advanced Web Development • Marketing

With over 20 years of experience building enterprise-class web applications, working as part of small to large teams, leading teams, and building web application products, I am uniquely qualified to work with teams building any web application.

My skills can be summed up as: Marketing meets Graphic Design meets Software Engineer. I am equally at home in the UI/UX as I am on the backend with building databases. I build custom UI in JavaScript and prefer working with jQuery components.

As a true full-stack LAMP-stack developer with over 20 years of experience, I take enterprise web application products from concept to deployment, including: selecting the appropriate technologies, establishing and securing the application environments either on physical hardware or in the cloud, architecting the database, building Service Oriented and/or MVC Architectures, and producing elegant modern UI and UX using well-established enterprise tools, technologies and methodologies.

Experience & Clients

Narware, LLC., Software Engineer / Senior Developer, 12/2021-6/2022

Lead software engineer developing Narware's middleware software components. Assisted with UI / UX updates, API integrations, platform engineering, AWS integration and infrastructure. The 2022 economic downturn forced the company to lay off staff.

Ciber Global, Inc., The Walt Disney Company, Software Engineer / Senior Developer, 7/2016-12/2020

Worked as a contractor for Disney's Travel Trade vertical. Performed full-stack application development and maintenance of existing legacy applications on various PHP and JS frameworks within an Agile SCRUM environment. Managed Linux servers; wrote and tested advanced PHP and JavaScript code; wrote complex SQL and DQL queries; integrated applications with 3rd-party apps and web services; suggested and participated in team architectural decisions.

- Introduced new JavaScript architecture and open source libraries that improved application strength, flexibility and performance of the UI.
- Became the team's primary go-to member for UI / UX, including resolution of difficult JavaScript and CSS issues.
- Using my experience as a graphic designer, I quickly created image elements using Photoshop and Illustrator.
- Introduced various UI and UX concepts and framework enhancements that enabled cross-platform visual animation typical of high-end enterprise-class responsive web applications.
- Created a high-level migration cost/benefit analysis of migrating existing architecture to AWS.

RightBrain Media, Inc., Senior Developer, 6/2015-6/2016

Helped develop and refine a variety of client and in-house projects and applications. Utilized Angular-UI with PHP web services, assisted with architectural decisions, wrote software documentation, assisted and helped train non-senior development staff. Some Node.JS development within the MEAN stack.

Simsol, Inc., Mobile Developer, 1/2015-5/2015

Hired to rework an existing mobile application that had been outsourced. Rebuilt the application from the ground up as a multiplatform application for iOS and Android. Utilized Cordova (PhoneGap) with Angular-UI and Bootstrap 3 to create a polished mobile application that was extensible for new functionality to be added. Managed AppStore life cycle.

Dell Services, Enterprise Car Share, 12/2013-10/2014

Hired as a Senior PHP Contract Developer to work with Enterprise Holdings' Car Share division to maintain and enhance software necessary to run car sharing operations. Worked with the team to maintain several different instances of the software on numerous servers. Assisted other team members with onboarding and coding; updated configuration of the instances; began writing documentation for the software; assisted in enhancing maintainability of the software and processes. Technologies employed: PHP5, OOP, JavaScript, CSS, AJAX, Linux, Postgres, SQL, cross-browser compatibility, and Git source control.

Florida Hospital, CentraCare, 2009-2013

Worked with executive level management as the Senior Developer of Web Technologies charged with developing highly secure HIPAA-compliant sites for CentraCare's regional market. Designed, architected, developed and hosted CentraCare's N-tier applications for maximum security of patient data. Personally built the first FH's web-based online patient scheduler application which launched with a \$0.5 million regional ad campaign. Also completed CentraCare's Employer Portal; an application allowing commercial clients to login, schedule and view results of CentraCare employee visits in real-time.

Technologies implemented included: Heavy Object-oriented PHP5, Zend Framework, AJAX, JavaScript, jQuery, jQuery UI, Datatables, JSON, DHTML, cross-browser compatibility, wireframe design proposals, and server management of the client and server tiers.

The Walt Disney Company, Parks & Resorts Online, 02/2011 - 07/2011

Hired to work with Disney's WDPRO team at Celebration, FL, building Disney's \$100-million dollar NGE online presence. Developed web applications primarily using PHP5, Zend Framework, jQuery, and Photoshop. Developed under an Agile SCRUM process using a continuous integration environment involving numerous tools and technologies, including: Perforce, PHPUnit, Selenium, QUnit, and other Atlassian-based tools.

The Pedowitz Group, 2009-2010

Worked on a number of small to larger contract projects developing extensible web marketing applications for a variety of clients including the *Cleveland Cavaliers*, *Purina*, *Eloqua*, *Republican National Committee* and *DeVry University*. Worked for both the Pedowitz Group and CentraCare for several months.

M2 Systems, 2007-2009

UI development within existing custom model-view-controller environment for an international financial services card-payments company. Designed and implemented detailed control panel interfaces using OO PHP5, web services, SOAP, AJAX, JavaScript, JSON, DHTML and FLASH. Personally re-factored the MVC framework to utilize a more secure PCI transactions model between the PHP front-end and the web services back-end.

AAA National Offices, 2006-2007

Provided professional-level UI design; web graphics and interface development for numerous projects and departments. Participated integrally in AAA's Travel 2.0 project to redesign and update their online travel systems. Updated and improved wireframes from *Avenue A / Razorfish* to better represent restructured functionality. Duties included gathering business requirements and designing wireframe work-flows based on the input of numerous department heads, directors and vice presidents; worked with Java developers on objects standards; and re-designed various areas of the AAA website.

Skills, Tools & Technologies

- Adobe Flash
- Adobe Illustrator
- Adobe Photoshop
- Adobe Premier
- AJAX
- AngularJS
- Apache 2.4 / IIS
- API's
- AWS (SNS, SES, EC2, VPC, Lambda, S3, Glacier, ELB, Route53)
- AWS PHP SDK
- Bootstrap 3/4/5
- Cordova (PhoneGap)
- Cross-browser design
- CSS-2 / CSS-3
- Docker
- Doctrine / DQL
- Eclipse IDE
- Enterprise Linux RHEL
- Firewall (IP Tables)
- Google Maps API
- Gulp / Grunt
- HTML5
- I18n / L10n
- IMAP / POP3
- JavaScript
- jQuery
- jQuery UI
- JSON
- Laravel Framework
- Linux: CentOS, RHEL, Debian, Ubuntu
- Marketing Experience
- Microsoft Visio
- MS SQL
- MVC / N-Tier
- MySQL
- PHPStorm IDE
- OOP
- PDF's, Created Programmatically
- PHP 5/7/8
- Professional Graphic Designer
- Responsive Web Design
- REST Services
- SCSS / SaaS
- SQL (complex queries)
- Stripe Payments
- SOAP Services
- Source Control: Git, CVS, SVN, Perforce
- UI / UX Development
- Vagrant
- WordPress Management and Plugin Development
- Windows Server Admin
- Wireframes
- XML
- YUI2 Framework
- Zend Framework 1/2

Code References (GitHub)

WebTigers – Tiger

Site: <https://WebTigers.com/>

Repo: <https://github.com/WebTigers/Tiger>

A ZF1-based self-contained AWS EC2 server instance for jump-starting and building enterprise-class web applications within stand-alone or elastic environments. Much like Laravel's Forge. (Public repo.)

NewLIST

Site: <https://NewLIST.com/32712>

Repo: <https://github.com/NewLIST/JARVIS2>

An AWS hosted ZF1-based hyper-local enterprise-class application for advertising and marketing small to medium sized businesses and products. (Private repo. Ask to have your user added to view.)

Industry Publishing

Medium

<https://beau-beauchamp.medium.com>

Education

Kinman Business University

*Business Accounting, Computer Programming,
Business Law and Management.*

Wenatchee Valley College

Computer Programming, Music

Wenatchee High

*Business Management, Vocational Electronics,
Multimedia*