

## K. Beau Beauchamp

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## Enterprise Application Architecture • Advanced Cloud Development • Business Solutions & Technical Architect • Elegant UI/UX Design

With over 20 years of experience building enterprise-class applications in the cloud, working with or leading small to large teams, and hands-on building all manner of multi-tenant SaaS products, I'm uniquely qualified to communicate with stakeholders and developers in architecting a myriad of cloud-based applications.

An enthusiastic self-starter, my skills can be summed up as: Solutions & Technical Architect meets Business & Marketing meets Billing & eCommerce. I am equally at home designing UI/UX as I am on the backend with building and optimizing databases. My personal demeanor is jovial and relaxed; someone whom executives and staff find professional, fun, and engaging to work with.

An industry writer with exceptional verbal and written communications skills. Prior to becoming a technologist, I spent 12 years in retail management, including VP of Operations for a chain of sportswear stores.

I can take your enterprise cloud application products from concept to deployment, including:

- cohesive communications between executive, customer, and technical stakeholders,
- team building leadership with domestic and/or offshore dev teams,
- selecting the appropriate most cost-effective technologies,
- establishing and securing application environments,
- managing and mitigating application risks,
- architecting data models and database optimization,
- scaling applications for unlimited users and traffic,
- building OO, SOA, MVC or N-tier modular architectures,
- advising on CI/CD pipelines and build architectures,
- implementing Webservices and API integrations, and
- producing elegant modern UI and UX.

All of these using well-established enterprise tools, technologies, and methodologies.

## Current Experience & Clients

### **NewLIST Media, LLC., Founder, 2014-Present**

As the founder and CEO/CTO of an ongoing startup, I built the NewLIST application from the ground up within the AWS cloud as a multi-tenant SaaS application that provides hyper-local and global advertising opportunities for any size business. NewLIST is in the pre-revenue stage of evolution.

- Developed the core technology stack within AWS.
- Current AWS components include: VPC, EC2, S3, SES, Route53 DNS, Lambda, CloudWatch, Geo Location and Mapping, Elastic Beanstalk, and related services.
- A fully-complaint PCI multi-tenant SaaS application.

**Narware Technologies, LLC., Application Architect / Lead Developer, 12/2021-6/2022**

Technical Architect and lead software engineer developing Narware's core SaaS application. Created UI / UX, API integrations, AWS integration, and infrastructure.

- Developed the core of Narware's SaaS cloud application from greenfield.
- Managed offshore team members within an Agile SCRUM environment.
- Engineered the cloud application for maximum scalability.
- Integrated with various major 3rd-party API's like Sales Force and Zoom.

**WebTigers, Founder, 12/2020-Present**

Founder and Technical Architect behind the TIGER™ Development Platform. TIGER is a self-contained LAMP development platform homed within AWS. A fully-function multi-tenant SaaS application that works out of the box with zero setup, and zero configuration, TIGER is an enterprise-class build environment that can drop into any elastic environment.

- A fully functional SaaS application in a box. No configuration required.
- Built on a very common LAMP technology stack.
- Multi-tenant. Multi-lingual. PCI / HIPAA compliant security architecture.
- ACL (access control list) Role-based security.

**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.
- 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.

**Previous Experience & Clients****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, Datables, 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 Tools: Illustrator,
- Photoshop, Premier
- AJAX
- AngularJS
- Apache 2.4
- API's
- AWS (SNS, SES, EC2, VPC, Lambda, S3,
- CloudFront, ELB, Route53)
- AWS PHP SDK
- Bootstrap 3/4/5
- CSS2 / CSS3
- Docker / Kubernetes
- Doctrine / DQL
- HTML5
- I18n / L10n
- JavaScript
- jQuery
- JSON
- Laravel Framework
- Linux (Amazon Linux, CentOS, RHEL, Debian, Ubuntu)

- Marketing Experience
- MS SQL
- MVC / SOA / N-Tier
- MySQL
- OOP
- PCI / HIPAA
- PDF's, Created Programmatically
- PHP 5/7/8
- Professional Graphic Designer
- Responsive Web Design
- REST Services
- SCSS / SASS
- SQL
- Stripe API's
- SOAP Services
- Source Control: Git, CVS, SVN, Perforce
- UI / UX Development
- WordPress Management and Plugin Development
- Windows Server Admin
- Wireframes
- WHM / cPanel Servers
- XML
- Zend Framework 1/2

## Code and Project References (GitHub)

### WebTigers – Tiger Development Platform

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 product.

### NewLIST

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

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

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.)

### TigerDOM

CodePen: <https://codepen.io/webtigers/pen/wvPNyOa>

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

## Industry Publishing

### Medium

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

### Business Blog

<https://BeauBeauchamp.com/articles>

## 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*