

## PROFESSIONAL EXPERIENCE

### Big Ass Fans

05/16 – 3/20

#### *Senior Application Developer*

- Shifted all outsourced web and development in house for 12 web properties
- Established development operations, and created documentation processes
- Migrated all business servers from Rackspace to AWS saving thousands of dollars a year.
- Managed servers and web systems for industrial business with no true downtime in 3 years 11 months
- Offloaded media and assets from EBS and server storage to S3 object storage for major cost savings and also easing issues with cross environment testing.
- Developed custom QA system to manage 1000+ customer facing pages/products
- Implemented QA strategy for Big Ass Fans web systems
- Created documentation and implemented intranet for web team utilizing Google Sites
- Developed custom deployment of Wordpress CMS to provide stable website operations of 5 international sites
- Created all in-house environments for Local, Dev, Integration, Staging and production
- Reduced server infrastructure costs substantially by right-sizing, saving the company thousands of dollars a month
- Implemented online tracking for customer orders utilizing Lambda, API Gateway, Ajax
- Create custom search and indexing for all sites using AWS Cloud-search
- Developed Custom Internal apps dashboard for active employees
  - Integrated Active Directory for simple access and simple user management
  - Built order tracking application for monitoring and syncing orders coming in from Magento and pushing them to Salesforce and Epicor (ERP)
  - Built an accounting application to push GLA, Forex and other accounting files to Blackline reconciliation system
  - Built IOT customer service application for monitoring / troubleshooting connectivity for 68,000+ IOT devices and connected customers
  - Built management application to provide access to distributors using AWS Cognito
  - Built custom HR application and solution for evaluating all employees across Big Ass Fans. Creating complex security and role management to allow managers and superiors to evaluate their indirect reports.
  - Built custom reports for HR and Executive leadership
- Integrated Amplifier API for marketing promotions and fulfillment
- Custom spam filtering to handle and eliminate bots across our international lead generating forms
- Automated generation of HREF lang tags for cross referencing content across multiple languages and sites
- Developed and maintained custom POS app for employee cantina service. Including reports for HR and receipts for employees
- Lead and managed multiple company marketing/branding transitions requiring consolidation of sites and refreshing of design elements, while eliminating downtime and mitigating risk
- Participated in development of our industrial IOT offering.
- Utilized PHP, MySQL, jQuery, Vue.js, HTML, CSS, Python, RESTful APIs

**QSR Automations**  
*Software Engineer*

08/15 – 05/16

- Built custom sites for QSR automations and DineTime using Responsive Design, Bootstrap CSS, Node.js Server, Jade templates, Bootstrap Carousels, XML parsing
- Developed on Web portal for managing the Dinetime Application
  - Utilized Canvas JS, Durandle.js, Knockout.js
  - The portal was a JS application sitting in an [ASP.net](#) Template and utilized a C# backend service.
  - The portal had over 1,000 customizable windows, modals and controls that customers used to customize their restaurant floor plans and kitchen management screens
  - The portal also processed realtime restaurant metrics and guest trends
- Our software was utilized by companies like Yum Brands, Cracker Barrel, Dardens, and Disney.
- Worked with QA for bug tracking and assuring releases
- Utilized Browserstack to ensure customer experience
- Tackled CSS issues causing browser issues due to high selector count
- Standardized and created a style guide to eliminate code redundancy and streamline component creation
- Worked with JS, JQuery, Knockout.js, Durandle.js, C#, Node.js, Gitlab, Git, Bootstrap, Less, Prepos, VPN, Postman all in Microsoft Visual Studio

**KCTCS**  
*Web Developer*

01/13 – 08/15

- Design, develop and maintain websites for marketing campaigns on Linux server environments
- Implement Wordpress for microsites and marketing utilization
- Develop email marketing tools as well as reporting systems to track campaign success
- Developed a management tool for uploading, generating and monitoring a PURL (personalized URL) campaigns
  - Lists can be exported from the system in CSV. *Constructed in:* PHP, Javascript, Mysql, HTML, CSS, running on Apache
- Integrate Intelliworks CRM system into marketing campaigns through cURL and Dell Boomi integration
- Develop and deploy solution inside of Sitecore ASP.net CMS
- Utilize Microsoft Visual Studio with Sitecore rocks to develop solutions for Sitecore
- Developed a custom editor/manager system for creating rss feeds that fed content to digital signage across the system office
- Created a Twitter Sweet Sixteen #hashtag Game for Brand/Event Advocacy. The project created 2500+ tweets from users across Kentucky
- Automated gainful employment reports for 1200+ programs and degrees for KCTCS
- Developed a subcontractor vendor system for registration of events. Utilized PHP, JS, MySQL

### **ITT Technical Institute**

08/08 – 07/13

*Instructor: Visual Communications*

- Course load of six classes per quarter, including labs
- Prepare presentations and lesson plans for twelve different courses
- Courses taught include Instructional Design, In Design and Digital PrePress, Audio Video, 3D Modeling, Character Animation, Broadcast Graphics, Web Design and Development, Interactive Design, Image Manipulation, and Typography
- Programs utilized include Adobe Photoshop, In Design, Dreamweaver, Premiere, After Effects, Encore, Illustrator, Flash, Camtasia Studio, EDS Max, Adobe Sound Booth, Adobe Audition, Sonic Foundry Acid, and the Microsoft Suite.

### **3rd Dimension Design**

02/03 – Present

*Designer / Developer / Owner*

- Design and develop websites for clients at 3rd dimension Design
- Consult digital strategy
- Digital ad management, SEO, SEM, content creation, lead generation
- Construct website layout and develop UI
- Dynamic web systems sites using modern application technologies
- Technology stack management: Cloud, Shared
- Utilize and manage subcontracted services
- Project management
- Requirement gathering, governance, risk management, maintenance

### **EDUCATION**

*University of Kentucky*

*BA, Telecommunications · (1998 - 2002)*

### **Technical Proficiencies**

- Programming:
  - PHP, JavaScript, Node, MySQL, Shell Scripting, AWS Lambda, C#, C++, Python
- Database (DB):
  - MySQL, RDS, Dynamo DB, Snowflake, XML, JSON, YML
- Development Frameworks
  - Laravel, Vue.js, React.js, jQuery, Knockout.js, Durandle.js, Angular JS, Serverless.js, MVC, ASP.net
- Cloud Services:
  - AWS
    - Ec2, RDS, Elastic Beanstalk, S3, EFS, RDS, CloudSearch, Route 53, Elasticache, Lambda, API Gateway, Cognito, Dynamo DB
  - Azure
    - Azure Active Directory

- Auth 0, Snowflake
- Content Management Systems (CMS):
  - WordPress, SiteCore, Jekyll, Bludit, 3DD CMS
- E-commerce:
  - Magento, Magento Enterprise, Woo Commerce
- Payment Services:
  - Paypal IPN, Authorize.net, Stripe
- DevOps:
  - Composer, NPM, GIT/GitHub/Gitlab, Grunt, Gulp, CI, TDD,
  - Loggly, Papertrail
- CRM / Digital Marketing
  - Pardot, Salesforce Marketing Cloud, Salesforce, Intelliworks CRM, Radius CRM, Amplifier Fulfillment
  - Google Analytics, Google Tag Manager, Optimizley
- Web Page/Template Design:
  - Bootstrap 3/4, CSS/SASS/LESS, HTML 5, Express, Blade, Razor CSHTML, Markdown,
- Server OS:
  - Ubuntu, Amazon Linux, Debian, Node.js, Windows, Windows IIS
- IDE:
  - PHPStorm, Visual Studio Code, Sublime Text, Atom, Microsoft Visual Studio
- Operating Systems (OS):
  - Mac OSX, Ubuntu, Amazon Linux, Debian, Windows, Windows IIS
- Project Management:
  - Wrike, Asana, Jira, Basecamp, Confluence, Google Sites, Google Apps
- Multimedia
  - Adobe Photoshop, Premiere, After Effects, Indesign, Illustrator, 3ds Max

## CERTIFICATIONS

- Sitecore Certified IT Professional
- Sitecore Certified Professional Developer