

INTERNET TECHNOLOGY PROFESSIONAL

Professional LAMP developer with extensive, hands-on web development, project management and deployment operations experience. Complex problem solver and full-stack developer skilled in multiple web-related languages. Leader of teams across multiple disciplines throughout the SDLC process. Life-long technologist highly skilled at using and learning new technologies, languages and processes.

Development

PHP, MySQL, HTML, CSS,
Javascript, XML, JSON...

Integration

GitHub, Jira, Confluence, Jenkins,
Wordpress, Bitbucket, Slack...

Administration

Linux, Apache, SFTP, SSH, SSL,
DNS, Bash, Cloud...

PROFESSIONAL EXPERIENCE

Scientific Games Corporation / Intergen Group

2018 – Present

End-to-End Gaming and Lottery Solutions - As a global leader in the gaming and lottery industries, Scientific Games' mission is to empower our customers by creating the world's best gaming and lottery experiences.

Senior Developer (2018 – Present)

Senior developer on Dynamics365 Integration

- Integration of Microsoft Dynamics365 into LAMP/C++ application
- Successful integration of SaaS API into flagship product released in Q2

Lead Developer – Dynamics365 Integration

- Integration of Microsoft Dynamics365 into LAMP/Laravel application
- Integration of SaaS API into next generation API to manage job queuing
- Expected Q3/2019

Zen1210, LLC (formerly LazBro, Inc.)

2018 – 2018

Rooted in the belief that simplicity leads to total happiness, ZEN TWELVE TEN aims to provide the maximum amount of capability and power through simple, easy-to-use toolsets

Senior Developer (2018 – 2018)

Lead developer on Ticketmaster account

- New feature development on our flagship product ensures that Email Playground users are able to access the latest features available in IBM Watson via the EmailPlayground interface.
- Scoping of new products, projects and feature sets.
- Managing code migration from development to internal QA, customer UAT and finally production.
- Integrated IBM Watson Dynamic Content Ruleset feature into Email Playground allowing the end-user to segment email lists using rulesets that allow up to 100 rules each with their own custom criteria choices for segmentation. Criteria choices include any field that can be defined in Watson, including but not limited to email, geo-location, purchase history, etc.

Elmwood Services, LLC

2014 – 2017

Elmwood Services is a marketing company offering health and self-reliance products through direct and indirect marketing channels. Headquartered in Nashville they are a partially distributed team with employees throughout the US.

Director of Engineering (2016 – 2017)

Hands-on software engineer and director managing the machines and processes used by the technology departments to develop, test and deliver software solutions to the marketing team. A trusted advisor to the

executive team and the company, served as a bridge for every level of technology in use for the company web presences and Internet-based applications.

- Refactored development, stage, and production Bash deployment scripts with additional features resulting in an estimated annual savings of \$14k in lost developer time.
- Integrated New Relic as a performance-monitoring tool for all cloud servers and applications providing immediate problem notifications to developers reducing time to diagnose and resolve issues.
- Migrated key applications and data from legacy servers to current day LAMP versions ensuring that all servers were running the latest software, patches and security resulting in Quallsys A and B ratings.
- Developed automated ssh/bash backup scripts for creating daily copies of 12+ Wordpress sites ensuring recovery from unexpected Wordpress problems including ransomware.
- Managed 20+ Cloud based server instances ensuring that the DNS for 100's of domains and sub-domains were routing properly.

Director of Technology (2015 – 2016)

Hands-on software engineer and director managing the growth of the codebase, the technical team and their processes, hiring additional development resources which allowed the company to build the requisite PHP API as a foundation for the next year's planned application growth.

- Led team to create robust proprietary Laravel-based API for managing all sales and tracking information allowing the platform to go from a linear processing to "batch jobs" thereby reducing processing time by up to 25%.
- Led team to create proprietary A/B testing suite in PHP that integrated into the proprietary sales and tracking platform giving the marketing team the ability to make informed decisions using real time campaign data.
- Successfully launched additional product lines and sites using the combined LAMP platform increasing the potential sales footprint 300%.

Senior Web Developer / Software Engineer (2014 – 2015)

Sole contributor for all new development and maintenance of product lines offering online sales through directed traffic and non-standard checkouts.

- Advanced the technology position of the company by applying best practices and processes.
- Migrated existing ecommerce site code from Dropbox to GitHub allowing for a modernized workflow.
- Introduced Jenkins, Jira, and Confluence as workflow components providing a change control framework.
- Rewrote core sales platform from procedural to OO-based integrating additional SaaS features into the underlying architecture to better manage multiple product lines.
- Successfully deployed rewritten platform to launch new core product lines and joint ventures.
- Introduced API concepts as requirement for advanced platform needs driven by company growth.

Discovery Communications

2008 – 2013

Discovery Communications is the world's #1 nonfiction media company and the parent company of Discovery Channel, Animal Planet and TLC.

Director of Front End Development (2012 – 2013)

Accountable for the maintenance and front-end development of the flagship and secondary Discovery Communications websites including Animal Planet, TLC, Science Channel, and Discovery Channel. Interfaced with cross-discipline teams coordinating the development, project management and deployment for sites.

- Led the front-end team to create a proprietary front-end platform that requested content data via API from a proprietary CMS which decreased time to market for single front-end changes from 30 days to 5 days.
- Developed new workflows for cross-functional teams that used lessons learned to inform and streamline work, reducing misinformation, and engaging management staff in prioritization.

Manager HowStuffWorks Development (2008 – 2012)

Accountable for the maintenance and development of the HowStuffWorks (brand) website under the Discovery Communications umbrella.

- Led a full stack development team to migrate content from an enterprise CMS to an in-house developed CMS, saving over \$300,000 annually. This savings allowed us to re-invest in the technology team with training initiatives and a move to Amazon EC2.
- Streamlined requirements gathering by creating a cross-functional group that met twice a month to discuss internal product needs (CMS) to support ongoing changes to customer facing website. This change allowed real-time feedback from the users of internal CMS and informed the development team of the most impactful changes that could be made to the system to streamline the editorial and publishing process.
- Established separate workflow process that streamlined internal tools' time to market. Incorporated testing efforts by instituting a formal UAT with the CMS users allowing early feedback on the product prior to launch, saving 5-10 days of formal QA time and speeding time to market by a factor of four.

HowStuffWorks

2006 – 2008

HowStuffWorks is an award-winning, online source of credible, unbiased, and easy-to-understand explanations of how the world actually works. Discovery Communications purchased HowStuffWorks in 2008.

Team Lead / Senior Software Engineer (2007 – 2008)

Led and contributed to full stack team developing and maintaining all web properties under the HowStuffWorks umbrella. Managed intake, workload and communication with project management team and internal customers.

- Continued maintenance and development of new features for 8+ HowStuffWorks sub-sites.
- Managed development of Consumer Guide Auto redesign using design wireframes, modern frameworks and auto manufacturer APIs.
- Managed Mobil Travel Guide redesign (later managed transition to Forbes Travel Guide).

Senior Software Engineer (2006 – 2007)

Contracted to co-develop new user experience for the aging HowStuffWorks website with two other developers.

- Drove the front-end development of the site taking it from 1990's UI to modern look and feel.
- Re-factored procedural code to Zend Framework enabling code re-use across multiple web properties.
- Integrated 3rd party API's to extend the functionality of the core websites (e.g. Facebook, Twitter, ExactTarget).
- Created original internal CMS by combining and extending existing disparate PHP scripts into a single system and user interface.