Patrick Reagan

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Summary

I am an experienced, pragmatic software developer who has a love for code quality, collaboration, and continuous improvement. I excel at breaking down complex engineering problems and building applications that deliver value across a diverse set of business domains.

For the past 18 years, I have been applying my skills as a consultant for a full-service web consulting practice. This experience has provided me with extensive breadth but selective depth – I'm interested in deepening my skills to solve business problems at scale while collaborating with a supportive, tight-knit team.

Selected Client Work

- 2018 2019 Modernized the ticket purchasing experience for visitors to the **Shedd Aquarium** website by providing a deep integration with their existing ticketing software (Ruby, Rails, PostgreSQL, API Integration)
- 2017 2018 Embedded with the In-Q-Tel engineering teams to enhance their investment deal tracking pipelines and improve their engineering practices (Ruby, Rails, Go, SQLServer, Docker)
- 2017 2018 Worked closely with the web team at **Bethesda Softworks** to re-platform microsites for their popular game titles (Fallout / Elder Scrolls / Quake) using a custom-built PHP library to fetch content from the Contentful API in time for a major E3 announcement (PHP, Laravel, API Integration)
- 2016 2017 Launched the new "Best States" microsite for **US News** which allowed users to perform multi-faceted rankings comparisons between US states with data delivered from a major publisher as flat files (*Python, Django, PostgreSQL, Custom API*)
- 2012 2015 Re-platformed the main **Shure** North America web presence which improved product promotion and provided better integration of custom tools (Ruby, Rails, MySQL, Redis, API Integration)

Experience

Viget Labs, LLC - Development Director

June 2005 - Present

In addition to my work developing applications for a variety of clients, I also:

- Helped grow the company's presence in Boulder from a one-man co-working outpost into a full-fledged office
- Created and refined our engineering hiring process in order to provide consistency in evaluation and ensure that only the top candidates were considered for inperson evaluations
- Established, planned, and led the engineering team's bi-annual offsite meetings as a means to connect personally and improve professionally
- Improved software delivery by introducing agile methods that included iteration planning, acceptance test-driven development, and iteration retrospectives
- · Educated others in the development community through various presentations at local and regional events

Viget Labs, LLC - Applications Technologist

November 2000 - June 2005

- Administered internal and client servers running a variety of operating systems (Linux / BSD / Windows), web servers (Apache / IIS), and databases (MySQL / PostgreSQL / SQL Server)
- Planned and executed a migration to Subversion as the standard SCM tool and provided training to staff on its use
- Developed custom database-backed web applications for clients using a variety of languages, databases, and deployment configurations
- · Provided technical leadership in the areas of payment systems integration and application performance
- · Advocated and implemented development standards that included the use of version control, API documentation, and automated unit and integration testing
- Developed a reusable MVC framework written in PHP that streamlined the application development process

Millennium Health Communications - Senior Web Developer

April 2000 - October 2000

- · Designed, architected, and built an online RFP system in ASP with a SQL Server persistence layer
- Developed a custom syndication engine in VBScript/ASP that used XML to provide health news to content subscribers

Selected Software Projects

- Fleakr (Ruby) A full-featured API client for Flickr photostreams
- dnsimple (Python) Re-imagining improved ergonomics for interacting with the DNSimple API
- minecraft-server (Ansible / Python) Simplifying setup and teardown of family Minecraft servers

Publications

Advanced Rails Recipes / Pragmatic Bookshelf / 2009 (Contributing Author)
A Practical Guide to WinCVS and SSH / CvsGui Project / 2002
Using Oracle With PHP / WebMonkey (Wired Digital) / 2001

Presentations

Coding with Confidence: Adding TDD to Your Toolset / CMAP Fall Code Camp / 2009

Effective Testing for Rails Projects / Ruby Hack Day / 2009

Make Everyone a Tester: Natural Language Acceptance Testing / Developer Day DC & CVREG / 2009
Changing Your Mindset: Getting Started with Test-Driven Development / Lone Star Ruby Conference / 2007

Mockfight! Flexmock v. Mocha / NovaRUG / 2007

Education

James Madison University B.S. Computer Science (1999)