

NOWELL STRITE

Web Application Developer

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🐙 GitHub (<https://github.com/nowells>) 🐦 Twitter (<https://twitter.com/nowells>) 🌐 Website (<http://nowell.strite.org>)

Key Qualifications

- Over 15 years experience building Web applications
- Proven Server-side and Client-side developer specializing in RESTful applications
- Management skills grown out of a strong development background
- Solid communication skills and creative problem solving at every stage of development

Education

Bachelor of Science, University of Illinois at Urbana-Champaign — 2004

Computer Science, College of Engineering

Skillset

🔧 **Server-side:** Python, Django, Ruby, Ruby on Rails, Clojure, RESTful APIs, SOAP & XML-RPC, NodeJS, Java, PHP, ColdFusion

</> **Client-side:** Javascript, Backbone.js, Require.js, D3.js, Handlebars.js, Mocha.js, Chai.js, LESS, SCSS, CSS, HTML

🔧 **DevOps:** Chef, MySQL, PostgreSQL, SOLR, Cassandra, Nginx, Apache, Vagrant, Amazon EC2, Rightscale, EngineYard

👍 **Other:** Test Driven Development (TDD), Agile/XP, Unit Testing, Continuous Integration, Rapid Prototyping, Database Design, A/B Testing, High Availability, Distributed Processing, Internationalization (i18n), Load Balancing

Experience

WiserTogether, Inc.

Principal Engineer

2013 - Present

Python Django Javascript D3.js Require.js Backbone.js Mocha.js Chai.js PostgreSQL Puppet GIT

- Led development of interactive visual healthcare decision support tool (<http://nowell.strite.org/resume/img/bullseye.gif>)
- Created Javascript framework (built on on top of Backbone.js) to ensure consistent approach to frontend Javascript applications
- Established automated frontend testing suite using Mocha/Chai/Karma
- Spearheaded the development of several open source libraries related to expanding Backbone.js testing capabilities

Key URLs: <https://mywiserhealth.com> (<https://mywiserhealth.com>) — <https://wisertogether.com> (<https://wisertogether.com>) — <https://healthactionlab.com> (<https://healthactionlab.com>)

Draker Laboratories

Director of Software Engineering

20011 - 2013

Ruby Ruby on Rails Clojure Javascript Backbone.js MySQL Cassandra Chef GIT i18n

- Architected core time-series data system to replace an aging MySQL solution with a highly scalable service backed by Clojure, Cassandra and RabbitMQ
- Established Agile process to facilitate rapid development and release cycle from a release every few months to multiple releases a week
- Successfully designed, developed, and led the technical merger of our product with an acquired company
- Oversaw and negotiated software staff increase as well as company merger from five software developers to a fifteen member software development team consisting of QA, Design, DevOps, and Developers
- Automated the internationalization (i18n) of the web application into Japanese, allowing for seamless extension to alternate languages

Key URLs: <https://solarems.net> (<https://solarems.net>) — <http://www.drakerenergy.com/> (<http://www.drakerenergy.com/>)

Public Broadcasting Service

Senior Manager of Technology Solutions

2007 - 2011

Python Django Javascript Backbone.js MySQL SOLR RabbitMQ Amazon EC2 GIT Paypal Payflow Pro

- Successfully launched the nationally recognized PBS LearningMedia service that powers 40+ PBS/partner educational sites
- Architected and developed the RESTful API service for the educational content service that runs PBS LearningMedia
- Designed an automated deployment and scaling infrastructure to meet the growing demand of the APIs to PBS stations
- Managed and inspired a team of 6 diverse in-house developers with multiple off site contractors
- Guided projects through all phases of development as lead architect and developer
- Handled budgeting, project scheduling, application and server architecture

Manager of Digital Development

2007

Python Django Javascript Backbone.js MySQL Xapian Amazon EC2 GIT SVN Paypal Payflow Pro

- Managed multiple project timelines and deliverables
- Worked with colleagues to identify and develop solutions to operational requirements and shortcomings
- Negotiated with multiple companies to donate products and services to PBS resulting in recurring savings of over \$40,000 (Atlassian, ExtJS, Github, etc.)

Senior Web Technologist

2005 - 2007

ColdFusion Java Javascript Microsoft SQL Server Microsoft IIS Visual Source Safe

- Developed and maintained existing e-commerce portal and learning management system
- Initiated transition to open source course platform
- Spearheaded introduction of version control and deployment processes into the product development cycle

Key URLs: <http://pbslearningmedia.org> (<http://pbslearningmedia.org>) — <http://pbs.org/teachers> (<http://pbs.org/teachers>) — <http://pbs.org/teacherline> (<http://pbs.org/teacherline>) — <http://pbs.org/peerconnection> (<http://pbs.org/peerconnection>)

BearingPoint

Systems Analyst

2004 - 2005

PL/SQL PHP Oracle 9iAS HTML CSS Javascript

- Built a suite of enterprise web applications using PL/SQL (Oracle 9iAS)
- Assisted client program managers in tracking and running metrics on their planned acquisitions and existing contracts

Textron Lycoming

Freelance Web Development Consultant

1998 - 2004

Java JSP PHP ASP Visual Basic HTML CSS Javascript DB2 Oracle Microsoft IIS

- Designed and provided ongoing development and maintenance of national award-winning dynamic Web site
- Created a unique Intranet site providing executives and employees access to critical business and process information
- Developed numerous custom applications and tools to solve unique client problems involving the conversion, automation, and filtering of business data
- Created external marketing site, parts database

Alternate Formats: HTML (<http://nowell.strite.org/resume/>) — PDF (<http://nowell.strite.org/resume/resume.pdf>) — Plain Text (<http://nowell.strite.org/resume/resume.txt>) — DOC (<http://nowell.strite.org/resume/resume.docx>) — GitHub (<http://github.com/nowells/resume>)

✉ **Send Nowell an Email** (<mailto:nowell@strite.org>)