

Contact

wardzinski.todd@gmail.com

www.linkedin.com/in/twardzinski
(LinkedIn)

www.wardzinski.info (Personal)

Top Skills

Linux

Software Development

Web Applications

Languages

French (Limited Working)

English (Native or Bilingual)

Certifications

Red Hat Delivery Specialist -
Advanced Cloud Automation

AWS Certified Cloud Practitioner

Red Hat Certified Specialist in
OpenShift Application Development

Publications

Development and evaluation of a
tailored mHealth intervention to
improve medication adherence
in Blacks with uncontrolled
hypertension and type 2 diabetes

Evaluation of the electronic version
of the Questionnaire for Lung
Transplant Patients

Wm. Todd Wardzinski

Senior Linux Consultant at Red Hat

Manassas

Summary

I like to do a lot with computers. My primary focus areas are in software development and Kubernetes based containerization. I have a deep seated interest in microservices extracting from the monolithic architectures of the past. My experience thus far has afforded me many different types of skills and knowledge from mobile to platform development to infra (clouds and server farms).

Application programming experience in Java, C++, C#, VB.net. Scripting experience in Bash. Mobile & Web Development (Backend / Frontend) experience in Javascript, AngularJS, Node.js, jQuery, PHP, ASP/Razor MVC, XHTML, HTML5, XML, CSS, Cordova, iOS (Swift4), Android and Xamarin. Relational and NoSQL based databases: MySQL / MSSQL / Sqlite and MongoDB. Platform experience including JBoss EAP6, Infinispan/Data Grid, Red Hat Mobile Application Platform. Platform virtualization experience in Xen, KVM, OpenStack, Kubernetes and OpenShift 3/4. Automation experience with Ansible.

While I have a Linux first mentality, my OS experience includes in-depth command of RHEL / Debian based systems, Mac OS and Windows.

I'm a passionate learner actively pursuing new technologies, online courses, certifications, etc. Currently maintaining a clearance.

While I work to keep LinkedIn up to date as much as possible, please also reference my interactive resume at <https://www.wardzinski.info>.

Experience

Red Hat

7 years 3 months

Senior Linux Consultant

August 2017 - Present (3 years 7 months)

McLean, VA

As a senior consultant, I work on a number of different projects for a multitude of clients for Red Hat. Utilized in mobile, middleware and integration realms; I'm actively involved in activities such as integration research and solution engineering for a multitude of Open Source and Red Hat offerings.

- For a large government entity, implementing full end to end Jenkins pipelines in OpenShift based environments. Cloud based automation changes through Ansible, etc. Additionally providing best practice consultation on cloud, automation and Kubernetes like environments.
- For a large insurance firm, provided React-Native best practices consultation. Development in React (Native), Detox, Jest, Enzyme and GraphQL.
- For a large transportation firm, delivered two highly available frontend and backend MEAN stack based apps on OpenShift. Built with Node.JS, MongoDB, Angular 8, Ionic 4 and iOS.
- For a large firm, developed and taught MEAN stack courses to enable teams (20+) to develop on hybridized mobile platforms.

Middleware Consultant

December 2013 - August 2017 (3 years 9 months)

As a middleware consultant, I was responsible for a number of different tasks in a number of different spaces including mobile, Red Hat POC initiatives, integration and acquisitions.

- Mobile: Large team development of front-end and back-end applications using Node.js, Angular, Cordova (and others) utilizing mobile development best practices.
- POC: Lead POC initiative for JBoss Data Grid Infrastructure implementation. Assisted with implementation, configuration, tuning, and performance testing of a Infinispan/DataGrid caching solution replicated across multiple nodes using parallel hydration and daisy chaining techniques.
- Integration: Designed, configured and set down best practices for maintenance of large clusters of physical and virtual Linux based machines for Hadoop. Lead the team through complex Linux problems, systems automation in Bash and Puppet.
- Acquisitions: Assessed the technological health of multiple companies. Provided technical analysis through a deep dive of the application code, architecture, etc.

Grayson Digital, LLC

Small Business Owner

January 2005 - Present (16 years 2 months)

Manassas, VA

Since 2005, Grayson Digital has been a specialist in full-stack development projects. From small to large businesses we've provided: simple to complex frontend and backend solutions, a range of hosting solutions including highly available implementations, systems development (Linux & Windows), mobile development & microservices.

Website: <https://www.grayson.digital>

Progeny Systems

Software / System Engineer

November 2006 - November 2013 (7 years 1 month)

Manassas, VA

Software and Systems Engineering integration expertise is what I strived for here. Headed up virtualization research in open source virtualization technologies such as Xen, KVM, and opensource portions of Citrix. Researched and employed various cloud based virtualization toolstacks such as OpenStack. Developed and maintained software and systems level projects in support of U.S. Naval technical efforts. Engineered and implemented custom Linux server farms. Researched new & emerging technologies.

Primary languages used: Java, C++, XML, Bash.

Technologies: RHEL and Debian based Linux, Virtualization (Xen, KVM, etc).

ServiceLink, LP

Tier 2 Product Support / App Developer

May 2006 - November 2006 (7 months)

Imperial, PA

As a Tier 2 product support contractor, I provided escalated technical product support to a variety of products housed under ServiceLink, Inc. I was tasked to fix users problems as they come up in software, routinely make database edits (T-SQL) as well as code debugging (VB6, C#, and .NET) to keep products running smoothly and without error and develop C# tools to automate many complicated processes within the company/system.

University of Pittsburgh School of Nursing

Web App / DB Developer

November 2004 - May 2006 (1 year 7 months)

Pittsburgh, PA

Wrote technical hardware specifications and procurement suggestions in project planning that resulted in a successful project startup of the e-QLTP (Electronic Questionnaire for Lung Transplant Patients). Designed, developed, and implemented electronic survey functionality in Microsoft Access to improve survey methods for attaining metrics associated with lung transplant patients. Developed additional online versions in PHP, MySQL and JavaScript to enable medical surveys to be completed away from the clinical setting. Worked closely with research team to optimize database efficiency and to attain research team's standards and expectations.

invivodata

QA / Web Developer

November 2003 - November 2005 (2 years 1 month)

Pittsburgh, PA

Lead major revisions of company training database. Developed initial version in MS Access to statically track employees as they submitted training (in paper form). Developed and released subsequent versions in PHP, MySQL, and JavaScript to enable dynamic tracking without QA intervention. Developed and released an administration website to ease knowledge required by QA to effectively administer to the online training website. Developed web applications under regulations such as HIPAA, Part11, etc.

Education

University of Pittsburgh

Bachelors, Information Sciences, Computer Science · (2001 - 2006)