



Tyler Walters

IT Consultant

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IT Consultant currently focused on building and scaling interactive AR experiences for Retail consumers. Passionate about combining programming, robotics, FX, lights, screens, sensors and humans to create cool things.

Nike • Tech Lead: Trial Zone • Portland, OR

2016 — Present • Joined Nike to intake an agency-created retail experience POC and create a team to secure, standardize and scale the system to US, Europe and China retail locations.

- The Trial Zone team supports digitally enhanced running and basketball experiences in 8 flagship Nike retail locations.
- Implemented CI/CD to maintain a fleet of on-site servers with sensors and a set of cloud-based services and tooling to support them.
- Refactored Unity3D games to have configurable assets to support product and venue-specific experiences.
- Planning the next tier of the scaling to more locations while looking to expand features, ROI monitoring, product integration and add more virtual experience venues.

 [linkedin.com/in/tylerwalts](https://www.linkedin.com/in/tylerwalts)

 github.com/tylerwalts

 twitter.com/tylerwalts

 tylerwalts.com

Master of Business Administration
2004 • Oregon State University
• MBA Association Treasurer

Bachelor of Computer Science
2002 • Oregon State University
• Linux User Group VP

Consulting Experience

Slalom Cross Market Delivery • Solution Principal • Chicago, IL

2010 — 2016 • Delivery leader in the cross-market (XM) delivery center for enterprise clients in Slalom's 25 locations with responsibilities of technical delivery, sales support, recruiting, career development, project oversight and practice development. Founder of the DevOps group in XM.

- People manager supporting career development for 15 direct reports.
- Supported pursuit and led delivery of 7 projects driving over \$8M revenue over 5 years.
- Project oversight for up to 22 developers, architectural design and technical escalations.
- Delivered Cloud and AWS Bootcamps, tech talks, conferences and hackathons.

Hitachi Consulting • Senior Consultant • Portland, OR

2006 — 2010 • Project-based app dev consultant for the Education, Retail, Manufacturing, Distribution, Finance, Healthcare, IT and Waste Management industries.

WitMatix Web Development Services • Owner, Consultant • Corvallis, OR

2004 — 2006 • Started a web development and online services company and managed a team of local resources and outsourced project teams to create custom apps and e-commerce systems.

Past Client Engagements

Echo Global Logistics • Integrated an acquired stack of IT services using IaC approaches, Chef, .NET, Hyper-V, Azure, TerraForm and DataDog.

Western Governors University • Designed a Data CI pipeline for defining data as code using Liquibase (Datical), Chef, Vagrant and Jenkins.

Qlik Technologies • Lead architect and initial operations of QlikCloud.com, providing Qlik SaaS. Automated and/or designed the operational processes and transitioned ownership to the new Qlik Cloud department. Delivered a global and elastic system using: MEAN stack for front-end; AWS*, CloudFormation, Puppet for IaC; Consul, New Relic for operations; BlazeMeter, SauceLabs for automated testing; Atlassian suite for PM and CI/CD.

Pepsi • Supported analysis of vending machine metrics by defining Talend, RDS and Tableau servers as code using CloudFormation on AWS.

Law Bulletin • Transformed legal docket management system from on-premise Oracle/Liferay/Solr/Jasper stack to AWS using MySQL on RDS, EC2, ELB, SQS, SES and S3. Led the cloud vendor selection process and demonstrated better consistency, agility and sprint velocity using Puppet and CloudFormation for IaC, and more quality, governance and team coordination by using Atlassian Bamboo for CI/CD, and JIRA for work management.

Walgreens • Architect of a time-sensitive data de-identification process to meet compliance deadlines and avoid disruption of reporting services.

Blue Cross Blue Shield of Michigan • First engineer on a new member portal for insurance members to manage accounts and claims. Scaled team to 22 developers and enabled remote delivery by mocking production RedHat/WebSphere/Oracle environments in both AWS and local laptops using EC2, Vagrant and an IaC CI/CD approach to delivery. Used Backbone.js, Java Spring; Liquibase for MySQL/Oracle; CloudFormation and Puppet.

Providence Health & Services • Founded Healthcare Intelligence unit for applying BI principles, tooling and governance to operational and research data marts. Defined roles, processes and delivered analysis support for bundled knee operations and stroke services using MSBI and Tableau.

Standard Insurance • Introduced Microsoft BI stack (MSBI) and converted a set of underwriting reports migrated from Cognos. Defined servers partially as code and documented manual customization processes. Created center of excellence to define security, governance and training plan.

Russell Investments • Created Salesforce app to assess which accounts to invest relationship management in, and a dashboard view for users.

CorVel Software • Created a form generation and workflow application to automate the on-boarding of each of their new clients using C# .NET.

Waste Management • Upgraded, optimized, re-designed and integrated Greenopolis.com site to ThinkGreenRewards.WM.com, and added a portal interface to provide the UI for recycling kiosks. Automated environment cloning of the drupal LAMP stack using drush and bash.

Nike • Used an IaC approach to defining a Vendor Management workflow system using SharePoint site templates, custom C# web parts and scripts.

Microsoft • Prepared hands-on data visualization workshop examples and authored 2 Green IT whitepaper articles for VisioToolbox.com in preparation for a Green IT conference. Mocked out HVAC sensor data generation, harvested in MySQL and binded to Visio to visualize data center temps.

Johnstone Supply • Enhanced data-driven marketing decisions and automated price setting for retail locations. Implemented MSBI stacks and configured daily intake, processing and analysis of retail store sales, costs and inventory CSVs using SSIS, SSAS and SSRS. Developed price setting UI to support region-specific campaigns based on predictive values.

Cascade Corporation • Customized reports and tooling machine code to stamp load bearing data on forklift parts to meet new regulations.

Columbia Sportswear • Updated corporate social responsibility app that enabled inspectors to remote factory locations offline, then automatically synchronize data when they come back online. Used C# .NET and XML-based data storage.

Knowledge Learning Corporation • Created kiosk time-clock software to allow parents and teachers to check children in/out, and administration UI for compliance, performance and financial reporting using Java Struts and Oracle. Developed set of reports to assess marketing campaign effectiveness.

WitMatix Clients (< 2006) • LAMP/Joomla sites for new and small ventures: Symmetry-SSG.com, SunRoseSheep.com, RendezvousPCs.com, RoachWear.biz, GetFlossin.com, HeadTracker.com, BerkshireTownhomes.com, MottoRX.com, ChristianQuarter.com, BuyGoodMusic.com and others.

Side Projects	Skills			
Drone Racing • Pilot 2012 — 2017 • Build and race drones in MultiGP.	Languages	Frameworks	Business Intelligence	Cloud Development
Alexa: Quest Game • Author 2016 — Present • An Alexa skill inspired by the Choose Your Own Adventure book series.	JavaScript Ruby Java HTML/CSS	Puppet Chef MEAN SharePoint	SSRS/SSIS/SSAS Oracle, MySQL Qlik, Tableau	CI/CD Agile Delivery AWS, GCE, Azure
Oracle Java Puppet Module • Author 2012 — Present • Automates accepting the TOS, downloading and custom installing Oracle Java.	Bash PHP PowerShell C# .NET	Drupal Spring Joomla Jekyll	Hadoop / Pig Spark / Zeppelin MongoDB Redis	Terraform Consul Bamboo/Jenkins Distributed Systems
Kegbot Puppet Module • Developer 2012 — 2013 • A puppet module for automating the server configuration of the kegbot system.				

Publications

Qlik Cloud Case Studies [[Link 1](#)] [[Link 2](#)] [[Link 3](#)] [[Link 4](#)]

2015 • The QlikCloud.com solution showcased by Qlik, Slalom and AWS for how the thick client software was converted to social SaaS, the rapid implementation time and its global scaling elasticity.

DrupalCon: Case Studies in Social Commerce [[Link 1](#)] [[Link 2](#)]

2010 • Co-presented on how WM used Drupal in Greenopolis.com and ThinkGreenRewards.wm.com.

Microsoft VisioToolbox.com: Green IT How-Tos and Code [[Link 1](#)] [[Link 2](#)] [[Link 3](#)]

2009 • How-Tos and code from creating a workshop and CD distribution using MS Visio for Green IT.

Weatherford Entrepreneurship Incubator [[Link 1](#)] [[Link 2](#)]

2004 • Founded WitMatix.com web development services in the OSU entrepreneurship incubator.

Certifications

AWS Certified Solutions Architect

2014 • [Amazon Web Services](#)

Microsoft SharePoint Architect

2010 • [Microsoft 70-573](#)

MCPD: SharePoint Developer 2010

2010 • [Microsoft 70-573CS](#)

MCST: Microsoft Office SharePoint Server 2007 - Configuration

2010 • [Microsoft 70-630](#)