

James (Jim) Stagg

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**App Dev Team Manager, Architect, DevOps Practitioner,
NoSQL/RDBMS Manager, ☺ ♥ Perl! (and yes, I still code!)**

Passionate about delivering availability (as a first pillar) and real value through lean principles and bridging the development/operations gap. While I love leading teams, I get just as much fulfillment putting my hands on a keyboard to write a script, drawing out ideas on a dry erase board or presenting in front of a large crowd!

Deep experience designing & owning enterprise Java-based custom and packaged applications. Much of that is legacy systems co-habitation and replacement, including designing wrapper services to ease replacement as well as front-ending new/legacy applications with a common MVC ASP.NET portal. Hands-on experience with ETL toolsets to smooth the integration path. I carry a pager (well, PagerDuty client) and pull a regular on-call shift as a technical contributor. I'm not a developer, but I read and support Java, JavaScript, ASP.NET, C#, Python, Business Basic (UBL), C, Go and Datastage jobs. I write comfortably in Perl, Bash, Complex SQL, Python, PHP and PowerShell. I'm hands-on with Jitterbit Harmony as an API integrator & ETL tool.

Experience

S.P. Richards Company

Applications Development Manager

October 2015 to Present

- Rebuilding business continuance capabilities as systems testing coordinator
- Integrated DBAs into team (Oracle, Exadata, SQL Server, MongoDB & PostgreSQL platforms)
- Moved 50% of order line volume to new OMS
- Drove 95% of deployments to become non-impacting, daily events (was 15% in 2018)
- Volunteered to lead our "sustaining/reliability" team
- Turned a top 20 customer into a top 5 customer by designing a new promising solution
- Guided ASP.NET development team to deliver major sales order entry & editing additions
- Evangelized and adopted Kanban process for visualizing team workflow
- Led ASP team to deliver order entry/edit functionality for two major new channels of business
- Wrote incident monitoring with PagerDuty via Perl, Bash and Python
- Visualized sales KPIs for wide viewing with Datadog via Perl, Bash and Python
- Developed & matured key systems monitoring with Perl, Bash and Python
- Scripted application management scripts with Ansible, Bash and Perl
- Created & maintained CI/CD pipelines in Jenkins
- Reduced costs and risks through proving system viability evidence via JMeter load testing

Application Architect

November 2010 to October 2015

- Designed/implemented Promising Module in Sterling OMS
- Designed/implemented Pricing & Inventory modules in Sterling OMS
- Designed/implemented History Data module in Sterling OMS
- Stabilized deployment process (with Bash scripts, GitLab as SCM and Ant for builds)
- Presented at IBM Smarter Commerce Global Summit

Application Administrator

June 2006 to October 2010

- Implemented Purchasing and master data loading modules in Sterling OMS
- Implemented PROS pricing & analytics solutions (as Jitterbit ETL developer)
- Created extensive monitoring/automated recovery scripts in Perl and Batch for Axapta
- Led Axapta 4/Sterling OMS project (as PM, tester, admin and occasional X++ developer)
- Integrated Horizon subsidiary network into SPR network (as systems architect)

Senior Windows System Administrator

January 2001 to June 2006

- Led migration from Window NT 4.0 Domain to Active Directory project (PM/architect/tester)
- Managed legacy OMS migration from DG/UX to HP-UX (as PM and load tester)
- Created & tested SPR's initial Windows system disaster recovery plan
- Administered SPR's first IBM AS/400 systems

Dealergain.com

Systems Administrator

September 2000 to December 2000

- Windows/Linux sysadmin support for startup Dealergain.com (lost funding in Dec. 2000)

Expo.net

Unix Systems Administrator/Web Developer

April 1999 to August 2000

- Worked one-on-one with clients to create custom web solutions (as HTML web developer)
- Supported Apache HTTPD and Perl on FreeBSD and Linux web servers

Sportime International

Systems Analyst/Graphic Designer

July 1994 to March 1999

- Created first web sites for all Sportime catalogs
- Created e-commerce site with Apache HTTPD, PHP & PostgreSQL
- Supported AS/400 and Novell Netware servers
- Created pre-press coordinator position for annual cost savings of \$90k

Fulton County Daily Report

Art Director/Macintosh Systems Manager

September 1990 to June 1994

- Promoted to department head to manage daily paper production and special projects
- Coordinated daily newspaper production and art directed photo shoots for special projects
- Implemented new Macintosh-based publishing system (with QuarkXPress, Adobe Photoshop & Illustrator)

Education

Embry-Riddle Aeronautical University

Bachelor of Science in Technical Management, Logistics Concentration

Graduated Summa Cum Laude (3.963)

Certifications

AWS Certified Cloud Practitioner

Personal Time

I take personal responsibility for exploring new technologies in my downtime, like:

- Docker build with automated data import into Redis container with Go web service front-end built into a second container
- Docker builds with GitHub CI integration to deploy Node.js machine into DockerHub
- Docker build with automated data import into Cassandra
- Docker build with automated data import into MongoDB with Node.js web service front-end
- Docker build with automated data import into CouchDB
- Kubernetes deployments of my Docker projects
- Amazon Keyspaces demo using same data load from Docker/Cassandra project
- Amazon Aurora (PostgreSQL option) demo with simplified data set from above
- Terraform POC to build/destroy AWS infrastructure

Tech Details

DevOps practitioner, Application Reliability Team Manager, Kanban believer, Lean practitioner, Sterling Order Management, Redhat JBoss, Redhat HornetQ JMS, SOAP APIs, REST APIs, XML, JSON, complex SQL, VMware, PagerDuty, Datadog, Ansible, MongoDB, Oracle RDBMS, SQL Server, PostgreSQL, Apache ServiceMix, Apache JMeter, IIS, Java, Perl, Bash, Docker, Jenkins, GitLab, GitHub, Apache HTTPD, Nginx, Redhat Enterprise Linux, CentOS, Ubuntu, Debian, FreeBSD, OpenBSD, Axapta, Microsoft Dynamics AX, IT Operations, Disaster Recovery, Business Continuanace, Kubernetes, Terraform, Go, CouchDB, Cassandra, UBL, JavaScript