

# |opensourcearchitect|®

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## PROFILE

With nearly two decades of advanced professional work experience in various Information Technology and Storage Platforms, my current position as a Cloud Architect provides me the ability to deliver enterprise solutions for companies of any size. Having many years of senior level expertise in Enterprise Data Centers, Virtualization, Application, Networking, and Storage platforms allows me to create and support “Big Picture” solutions using a variety of existing and emerging technology. Additionally, my ability to provide value to a customer through experience, solid communication, and strong interpersonal skills, while managing responsibilities and teams in several functional areas, makes me highly valuable to my colleagues. As a technologist at heart, my thirst for knowledge and motivation to become more efficient, while leveraging technology, has allowed me to manage a Global IT environments at \$1B+ Fortune 1000 company. As a partner in teaching, consulting, and architecting, I relish the thought of working with others to perfect technologies from inception to implementation and beyond.

## CORE COMPETENCIES

- RedHat automatic deployments of OS, EAP, and JWS
- RedHat Satellite 5 – 6 automatic configuration
- RedHat OpenShift deployment on Azure
- Data Center Virtualization and Design
- VMAX / VNX Enterprise deployments and performance tuning
- VMware 4 -6.x
- Linux Administration
- Microsoft Server / Exchange and SQL performance tuning
- CISCO Switching and Routing
- Firewalls, LAN and WAN network troubleshooting
- Problem resolution

## KEY CERTIFICATIONS

RedHat Delivery Specialist - Cloud Automation  
RedHat Delivery Specialist - Middleware Application Development  
RedHat Delivery Specialist - Platform-as-a-Service (PaaS)  
RedHat Delivery Specialist - Platform-as-a-Service (PaaS) Development  
Certified CloudBees Jenkins Professional Engineer  
Certified CloudBees Jenkins Instructor  
Pivotal Certified Instructor (PCI) PCF Administrator  
Pivotal Certified Instructor (PCI) PCF Developer  
Pivotal Cloud Foundry Developer 1.7

## KEY RESPONSIBILITIES

- Architect enterprise solutions while additionally acting in advisory roles, completing performance reporting with presentations and general enterprise SAN, Storage, Backup, Middleware, PaaS, and xPaaS responsibilities..
- Contribute to the development of strategies, policies, and best practices through participation in management meetings and other direct contributions.
- Develop and cultivate a strong "Customers for Life" relationship.
- Stay current on the technical specifications for hardware/software requirements of RedHat/DellEMC/CISCO/VMWARE/Pivotal, industry products, and solutions through professional associations, trade journals, networking, and associated training and seminars.
- Support the design and development of the technical content defined in statements of work.
- Design, support, install, customize, and integrate enterprise solutions.
- Prepare technical architectural and implementation design documentation.
- Help identify and leverage vendor/partner resources in order to satisfy the technical needs and objectives of the various technology projects.

## EXPERIENCE

### Cloud & Datacenter Architect 2016 – Present

Utilizing skills gleaned from decades of previous experiences, I strive to instruct, design, and implement IT solutions that fit our customers' needs. I have designed, delivered, and documented end-to-end solutions for enterprises utilizing RedHat EAP and Satellite. This includes environments for production, development, testing, QA, and stage as well as a BC and DC solution for each. I am comfortable with all the tools from RedHat, which allows me to automate as much as possible. This frees up the teams I work with to concentrate on adding features and functionality to the projects. As a former college professor, I also take the time to bring the teams up-to-speed on the technologies in order for the customer to be able to support and maintain their own environment after the initial work is complete. Exemplifying my working knowledge, I automated a complete PCI environment that included RedHat EL 7, clustered EAP application servers, and JWS frontend cluster. This entailed creating and setting up the domain controller, connecting the EAP servers to the domain controller, setup of the EAP cluster for database connection pools, and configuring the JWS frontend cluster to utilize the EAP application cluster to serve the web sites.

### Adjunct Professor 2014-2015 Academic Year

#### Saint Mary's University of Minnesota - Computer Science Department

Designed, developed, and delivered a course in Database Management Systems for an undergraduate computer science course.

### IT Lead Systems Administrator 2012 – 2016

#### Fastenal Company

I designed, supported, and managed enterprise solutions for the world's most efficient supplier of OEM, MRO, and construction products. Fastenal operates in all 50 states, 20+ international countries and over 2,700 retail stores. Areas of operations supported included 24/7 automated warehouse and distribution centers, processing millions of transaction per day in a multifaceted cutting-edge supply chain operation. I supported the Advanced Distribution Network and created advanced infrastructure "reference architecture" to support critical Automated Storage and Retrieval System (ASRS) leveraging EMC, Cisco, RedHat and other technology systems and solutions. I was responsible for enterprise infrastructure projects as a PM and key member of the Enterprise Infrastructure team located at the corporate office in Winona, Minnesota. I was also responsible for the architecture and design of RedHat, Cisco, and EMC data center storage and backup solutions (Including ROI, TCO and DR) for the office of the CIO. I worked hand-in-hand with corporate security to achieve the highest levels of security and auditing guidelines for Fastenal. On a typical day, I managed 6 to 8 projects with 4 to 5 managers, 5 to 40 programmers, impacting 1,000's of internal and external customers.

### Senior Network Administrator 2010 - 2012

#### Fastenal Company

### Storage Administration Lead 2006 - 2010

#### Fastenal Company

### Linux/Unix Administrator 1998 - 2006

#### Fastenal Company

## EDUCATION

- Bachelor of Arts – Mathematics 1996  
Saint Mary's University  
Winona, MN

## PROFESSIONAL AFFILIATIONS

- RHUG - RedHat User Group
- VMUG – VMware Users Group

## REFERENCES AVAILABLE BY REQUEST

## KEYWORDS / TECHNOLOGIES

STORAGE ADMINISTRATION (VMAX, VNX, XTREMIO, NETAPP AND DAS) PROVISIONING, DESIGN, CAPACITY PLANNING FOR DATABASE MANAGEMENT), BACKUP ADMINISTRATION (PROVISIONING, DESIGN, CAPACITY PLANNING FOR DATABASES), TAPE LIBRARIES (ATL7100, L700, AND SL500), BUDGET PLANNING, EMC CLARIION (FC4700, CX600, CX500, CX3-20, CX3-40, CX3-80, NS40, NS121), EMC V-MAX, EMC XTREMIO, NETWORKER 5.5 THROUGH 8.2 WITH DATABASE BACKUP MODULES, BROCADE SAN SWITCHES, CISCO MDS SWITCHES, AVAMAR GRID (WITH NETWORKER INTEGRATION), DATADOMAIN (4200, 880, 610, 460, 560, 580, 120) [W/ DDBOOST], CISCO NEXUS (5K AND 7K AND 1000V), VSPHERE 5.X, CISCO UCS. PEOPLESOFT, ORACLE, SOLARIS 2.6, 7, 8, 9, 10 ADMINISTRATION, ORACLE LINUX 5 AND 6, REDHAT LINUX 5.X, 6.X, 7.X, 8.X, 9.X, REDHAT EL 2.1, 3, 4, 5, 6 AND 7. REDHAT SATELLITE, REDHAT EAP, IBM X-SERIES MACHINES, SUN E5500, E6500, V880, V480. DG/UX 4.11, 4.20, AVIIION SERVERS, PERL AND SHELL SCRIPTING