

WILLIAM R. BEAN

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EMPLOYMENT: VMWARE INC.

Remote, US

Software Engineer, Strategic Customer Engineering

2020-Current

- Led technical implementation & operations of large-scale compute validation lab
- Automated deployment & validation of a wide product mix in complex customer-focused topologies including all layers from physical to container
- Developed automated test suites against Dell VxRail hardware, network switching, VMware & Kubernetes products to validate function and inform reference architecture

PIVOTAL SOFTWARE INC.

Remote, US

Reliability & Performance Engineer

2018-2019

- Led operations of cloudfoundry PaaS used by sales & customer engineers
- Incorporated new products & features rapidly into evolving architectures
- Provided early experience & bug reports to product development teams

JOHN DEERE

Moline, Illinois

Technology Architect, Web Infrastructure

2012-2018

- Led implementation of modernization projects in areas of:
 - application cloud readiness & adoption (openstack/cloudfoundry/aws)
 - opensource adoption & community involvement (tomcat/apache/cloudfoundry)
 - enterprise-wide server configuration management (puppet/ansible)

Product Owner, Telematics

2010-2012

- Led requirements definition efforts for key customer-facing telematics system delivery
- Facilitated agile process adoption across geographically diverse development teams

Infrastructure Analyst, Web Infrastructure

2006-2010

- Provided application infrastructure support for more than 600 web-based applications
- Led large-scale infrastructure migration projects impacting critical business systems

EDUCATION:

UNIVERSITY OF ILLINOIS

Urbana-Champaign, Illinois

Bachelor of Science in Computer Science

2001-2004

College of Engineering

APPLICABLE EXPERIENCE:

web: apache httpd, tomcat, ibm websphere, nginx, haproxy, f5 ltm/gtm

middleware: etcd, memcached, rabbitmq, redis

data: elasticsearch, influxdb, mysql, postgres

monitoring: collectd, grafana, kibana, logstash, nagios, prometheus, telegraf

ci/cd: concourse, jenkins, github/gitlab

config mgmt: ansible, packer, puppet, terraform

containers: cloudfoundry, docker, helm, knative, kpack, kubernetes

PROGRAMMING LANGUAGES:

proficient: Go, Perl, PHP, Python, Shell

working knowledge: .Net, Java, JavaScript, Ruby