WILLIAM R. BEAN

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EMPLOYMENT: **PIVOTAL SOFTWARE INC. / VMWARE INC.**   Remote, US

Software Engineer, Strategic Customer Engineering   *2020-Current*
- Led technical implementation & operations of large-scale 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 hyperconverged hardware, network switching, VMware & Kubernetes products to validate function and inform reference architectures

Reliability & Performance Engineer   *2018-2019*
- Led operations of cloudfoundry PaaS used by sales & customer engineers
- Incorporated new products & features rapidly into evolving architectures
- Improved platform reliability through use of ci/cd pipelines & observability tooling
- 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

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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