

John Kerry

Software leader and technologist with a background in cloud engineering disciplines.

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Education

M.S. in Plant Biology, University of Georgia (2013)

- Thesis: System-Based Transcriptomic and Metabolomic Network Analyses in Papaver Somniferum

B.S. in Mathematics and Computer Science, University of Georgia (2011)

Experience

Director of Cloud Engineering, NCR Corporation (2013-present, Atlanta GA)

- Developed and delivered a cloud architecture that supports global scale fault tolerance, infrastructure as code delivery, CI/CD processes, core tooling shared across multiple cloud providers, and a continuous training program to educate a team of 70+ across three regions to own, operate, and evolve the platform
- Planned and oversaw the successful migration of numerous on premiss applications to the cloud representing the heart of NCR's hospitality e-commerce business, resulting in a many-fold decrease in infrastructure related incidents and enabling a 8x increase in delivery velocity
- Developed configuration management processes, infrastructure, and standards to support the entirety of NCR's hosted hospitality offering
- Provided senior technical leadership to numerous teams in the cloud engineering context including site reliability engineering, release engineering, software development, and rotational innovation incubation teams
- Contributed to numerous open source tools and released or oversaw the release of open source tools back into the community, examples linked below [Go, Ruby]
- Tackled cloud costs initiatives by promoting, architecting, and delivering a burst scaling strategy based on linux and windows containerization on a Kubernetes platform. Trained and grew a kernel of Kubernetes expertise around the effort within the cloud engineering organization. Established an onboarding model to get development teams safely up to speed on a containerization journey.

Skills

Programming: Ruby, Go, javascript, C#

Awards

- **Patent Award**, Patent #11133997. "Edge system health monitoring and auditing"
- **Research and Development Award**, NCR Corporation (2021)

Speaking and Publications

- **ChefConf, 2018**, [Global Scale Application Architecture With Habitat and Microsoft Azure](#)
- **Devopsdays Dallas, 2017**
- **ChefConf, 2016**, [Canary In A Coal Mine](#)
- **Microsoft Channel9, 2016**, [Implementing DevOps to Deliver Business Value](#)
- **Microbiological Research, 2016**, [Identification of genes differentially expressed during ...](#)
- **M.S. Thesis, 2013** [System-based Transcriptomic and Metabolomic Network Analyses In ...](#)

