Anthony Johnson

Goal

Looking for a challenge. Looking to have an impact. Looking to make a difference.

Technical Competencies

Cloud	Amazon Web Services, OpenStack Swift, Selectel(Russia Cloud Provider)
Languages	Go, Java, Ruby, Python, Perl, Objective-C/Cocoa, Qt, C++, xHTML, Javascript, CSS, and Shell scripting
Storage	iSCSI, RAID 0,15,10, ZFS, CIFS, and NFS
Virtualization	Xen, VMWare, and VirtualBox
Databases	Postgres, MongoDB, Oracle RAC 10g/11g and Mysql
Network	F5 and Foundry Load Balancers, Cisco and Juniper Switches, and Cisco Routers
	Cisco, Juniper and Foundry
Monitoring	SNMP (all aspects), collectd, Graphite, Cacti, OpenNMS and Nagios

Personal Interests

Tech	Business Orchestration, Raspberry Pi/Arduino and Quantum Physics
Non-Tech	World Cultures, Photography, Kyudo(Japanese Archery), Breadmaking, and Aquaponics

Community Projects

JMeter	Enhancements and Bug Reports
NetFlix Ice	SAML Single-Sign On Login Support
Watir	Element Screenshot Support
Sinatra-Soap	WSDL Support

Experience

November 2015–present — **Staff Architect**, *Concurrent*, Duluth, Ga.

- Joined company as a CTO referral with the specific goal of helping him to transform the company into a modern agile company
- Worked closely with VP of Architecture to transform the role of an architect to better align with agile principles
- Consulted with VP of Development to provide insights and guidance into agile best practices to improve development team outputs
- Engaged with the VP of Product and evangelized the usage of product narratives as inputs to development teams
- Jumped into the middle of complicated, debt-laden product architectures to quickly provide paths to improvements

January 2014–November 2015 **Senior Cloud Architect**, *HERE a subsidiary of Nokia*, Alpharetta, Ga.

- Helped to re-build and re-imagine the Cloud Platform team as a micro-service organization
- Reviewed HERE product architectures to ensure teams utilized AWS properly and efficiently
- Extended NetFlix Ice to add SSO Authentication via SAML with the ability to constrain billing data to Active Directory Security Group memberships
- Built and maintained the Nokia Linux Amazon Machine Image(AMI) that every team utilized in AWS
- Implemented AWS Federated Login to support 1,000 unique users across 200 accounts using Active Directory Security Group memberships for account access
- Identified, scoped and re-designed the Nokia Linux AMI to save the company 250,000 dollars a year
- Brainstormed, Designed, Implemented and launched the Cloud Platform api and web portal using JAX-RS, Single Sign-on and Angular JS. This self-service portal allowed teams to run tooling, reporting and automation against AWS accounts

May 2011–January 2014 **Senior System Engineer/DevOps**, *HERE a subsidiary of Nokia*, Alpharetta, Ga.

- Joined the Internal SWAT team tasked with tackling and mitigating high risk and complicated operational issues
- Architected and implemented an application for polling all network equipment in HERE DataCenters for hardware configuration, interfaces, spanning tree info, routing tables, cross-connects, and arp tables
  - Data accessed via ActiveRecord
  - Sinatra/Rack backend with a REST API
  - Tool used as an enabler for internal services and a datasource for the HERE CMDB.
- Worked with internal stakeholders to design, roadmap, and present a business orchestration solution for the Global Network Services team

February 2008–May 2011 **Senior Research Engineer**, *Nokia*, Alpharetta, Ga.

- Took on leadership role in new Nokia organization tasked with developing, delivering and sustaining a carrier-grade sync solution for AT&T
- Implementation owner for helping our team to "be agile" with our development cycles. Gave training to over 30 remote engineers and helped to define our Scrum/Agile processes
- Worked with remote development teams, including daily stand-up calls, sprint planning meetings, design and code reviews
- Owned the Performance and Monitoring team for the Sync Platform
  - Provided guidance on data collection, profiling, research and code changes.
  - Standardized our performance testing to JMeter. Designed and oversaw implementation of a SyncML Sampler, SNMP Sampler, and report generations
  - Successfully took product from under-performing on contract required SLA measurements to a 100% pass rate on transaction per second, latency and concurrency

January 2007–February 2008 **Software Engineer**, *Air2Web*, Atlanta, Ga.

- Java J2EE development for use in Weblogic, JBoss, and Tomcat using frameworks such as JMS, RMI, JDBC, Web Services, Hibernate, JNDI, JGroups, JMX, Log4J, and Jakarta Commons
- Promoted to department lead and took ownership of common libraries, documentation via wiki and team communications
- Enhanced department offerings by providing expertise on Air2Web platform applications and UNIX/Network technologies (SNMP and load balancing)

May 2005–February 2007 **Senior System Administrator**, *Air2Web*, Atlanta, Ga.

- Implemented SNMP polling and trap notification by writing custom MIBs and Perl scripts as well as designing and writing a C++ application to generate statistics from proprietary log files for long-term trending via Cacti/RRDTool.
- Created Requirements and Implementation documents for projects for use by Operations and Development
- Designed and implemented a datacenter tracking application written in Perl that enabled the company for the first time to successfully catalog and audit all systems running in 4 different datacenters

2003–2005 **Jack of All Trades (Linux/Network Administrator, DBA, C++ Developer)**, *eMediaTrade*, Roswell, Ga.

1999–2003 **Operations Engineer**, *Pathfire*, Roswell, Ga.